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JVC KW-AV70BT INSTRUCTIONS MANUAL

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JVC

ENGLISH

ESPAÑOL

FRANÇAIS

MONITOR WITH DVD RECEIVER
MONITOR CON RECEPTOR DE DVD
MONITEUR AVEC RÉCEPTEUR DVD

KW-AV70BT/KW-AV78BT

For canceling the display demonstration, see page 6.
Para cancelar la demonstración en pantalla, consulte la página 6.
Pour annuler la démonstration des affichages, référez-vous à la page 6.

For installation and connections, refer to the separate manual.
Para la instalación y las conexiones, refiérase al manual separado.
Pour l'installation et les raccordements, se référer au manuel séparé.

For customer Use:
Enter below the Model No. and Serial No. which are located on the top or bottom of the cabinet. Retain this information for future reference.

Model No. _____

Serial No. _____

INSTRUCTIONS
MANUAL DE INSTRUCCIONES
MANUEL D'INSTRUCTIONS

LVT2300-001A
[J/JW]

ENGLISH

Thank you for purchasing a JVC product.
Please read all instructions carefully before operation, to ensure your complete understanding and to obtain the best possible performance from the unit.

IMPORTANT FOR LASER PRODUCTS

1. CLASS 1 LASER PRODUCT
2. **CAUTION:** Do not open the top cover. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.

CAUTION	ATTENTION	AVISO	VARNING	注意	CAUTION
VISIBLE AND/OR INVISIBLE CLASS 1M LASER RADIATION WHEN OPEN. DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS. IEC60825-1:2001 (ENG)	RAYONNEMENT LASER VISIBLE ET/OU INVISIBLE DE CLASSE 1M UNE FOIS OUVERT. NE PAS REGARDER DIRECTEMENT AVEC DES INSTRUMENTS OPTIQUES. (FRA)	RADIACIÓN LÁSER DE CLASE 1M VISIBLE Y/O INVISIBLE CUANDO ESTÁ ABIERTO. NO MIRAR DIRECTAMENTE CON INSTRUMENTAL ÓPTICO. (ESP)	SYNLIG OCH/ELLER OSYNLIG LASERSTRÅLNING, KLASS 1M, NÄR DENNA DEL ÄR ÖPPNAD. BETRAKTA EJ STRÅLEN MED OPTISKA INSTRUMENT. (SWE)	ここを開くと可視及び/または不可視のクラス1Mレーザー放射が出ます。光学装置で直接見ないでください。 (JPN)	VISIBLE AND/OR INVISIBLE CLASS II LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM. FDA 21 CFR (ENG)

3. **CAUTION:** (For U.S.A.) Visible and/or invisible class II laser radiation when open. Do not stare into beam.
   (For Canada) Visible and/or invisible class 1M laser radiation when open. Do not view directly with optical instruments.
4. REPRODUCTION OF LABEL: CAUTION LABEL, PLACED OUTSIDE THE UNIT.

INFORMATION (For U.S.A.)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

– Reorient or relocate the receiving antenna.
– Increase the separation between the equipment and receiver.
– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
– Consult the dealer or an experienced radio/TV technician for help.

Caution:

Changes or modifications not approved by JVC could void the user's authority to operate the equipment.

WARNINGS: (To prevent accidents and damage)

- DO NOT install any unit or wire any cable in a location where;
  – it may obstruct the steering wheel and gearshift lever operations.
  – it may obstruct the operation of safety devices such as air bags.
  – it may obstruct visibility.
- DO NOT operate the unit while driving.
  If you need to operate the unit while driving, be sure to look around carefully.
- The driver must not watch the monitor while driving.
- The driver must not put on the headphones while driving.
- Excessive sound pressure from earphones or headphones can cause hearing loss when you listen through earphones or headphones playing the rear source.

[European Union only]

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. In compliance with Federal Regulations, following are reproductions of labels on, or inside the product relating to laser product safety.

JVC KENWOOD Corporation
2967-3, ISHIKAWA-MACHI, HACHIOJI-SHI, TOKYO, JAPAN

THIS PRODUCT COMPLIES WITH DHHS RULES 21CFR SUBCHAPTER J IN EFFECT AT DATE OF MANUFACTURE.

Location : Bottom

Cautions on the monitor:

- The monitor built in this unit has been produced with high precision, but it may have some ineffective dots. This is inevitable and is not considered defective.
- Do not expose the monitor to direct sunlight.
- Do not operate the touch panel using a ball-point pen or similar tool with the sharp tip.
  Touch the buttons on the touch panel with your finger directly (if you are wearing a glove, take it off).
- When the temperature is very cold or very hot...
  – Chemical changes occur inside, causing malfunction.
  – Pictures may not appear clearly or may move slowly. Pictures may not be synchronized with the sound or picture quality may decline in such environments.

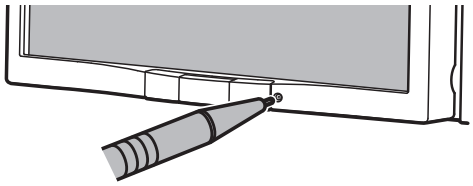
For safety...

- Do not raise the volume level too much, as this will make driving dangerous by blocking outside sounds, and may cause hearing loss.
- Stop the car before performing any complicated operations.

Temperature inside the car...

If you have parked the car for a long time in hot or cold weather, wait until the temperature in the car becomes normal before operating the unit.

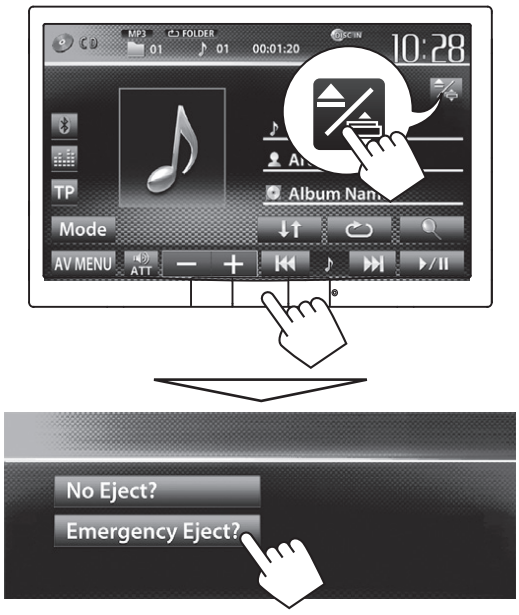
How to reset your unit



- Your preset adjustments will also be erased (except the registered Bluetooth devices).

How to forcibly eject a disc

On the source control screen, press ⏏ / ⏏ and ⏻/ MENU at the same time.



- *Be careful not to drop the disc when it ejects.*
- *If this does not work, reset your unit. (☞ above)*

How to read this manual:

- Illustrations of KW-AV70BT are mainly used for explanation.
- This manual mainly explains operations using the buttons on the monitor panel and touch panel. For operations using the remote controller (RM-RK252: supplied only for KW-AV78BT), ☞ page 64.
- < > indicates the variable screens/menus/operations/settings that appear on the touch panel.
- [ ] indicates the buttons on the touch panel.
- **Indication language:** English indications are used for the purpose of explanation. You can select the indication language from the <**Settings**> menu. (☞ page 51)

ENGLISH

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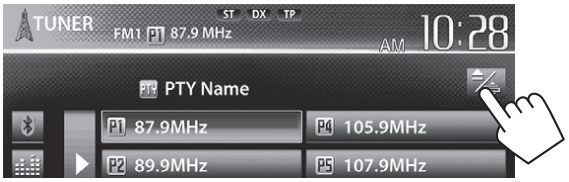
Detaching/attaching the monitor panel

Cautions

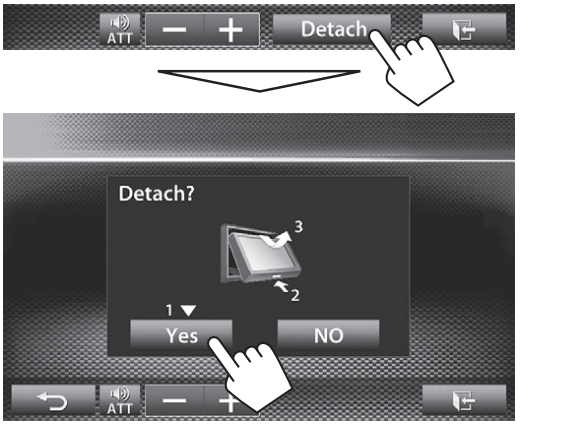
- Hold the monitor panel securely so as not to drop it accidentally.
- Fit the monitor panel onto the attaching plate until it is firmly locked.

Detaching

1 On the source control screen:



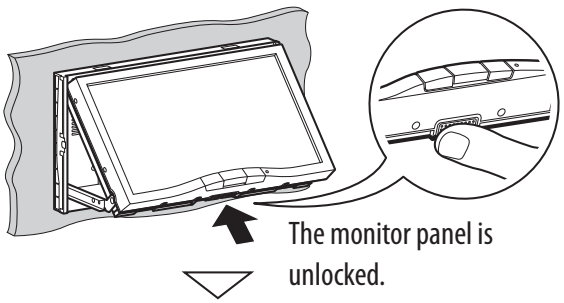
2



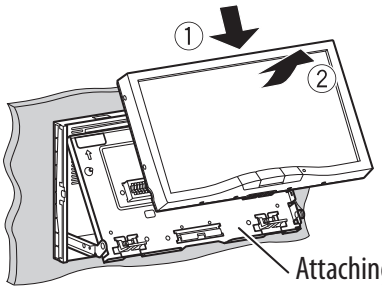
The monitor panel opens by about 50°.

- It closes automatically when no operation is done for about 60 seconds.
  Remove the monitor panel before this happens.

3

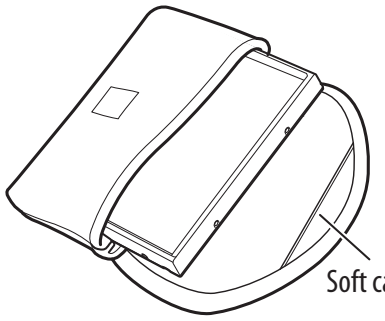


The monitor panel is unlocked.

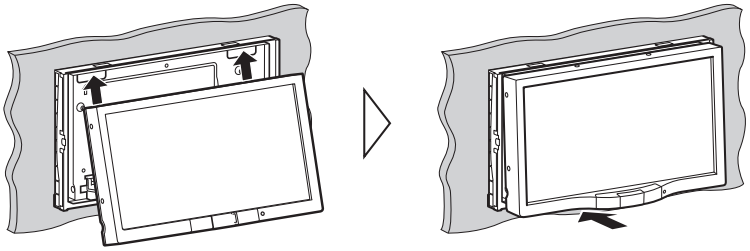


- The attaching plate closes automatically about 10 seconds after the monitor panel is unlocked.

4



Attaching



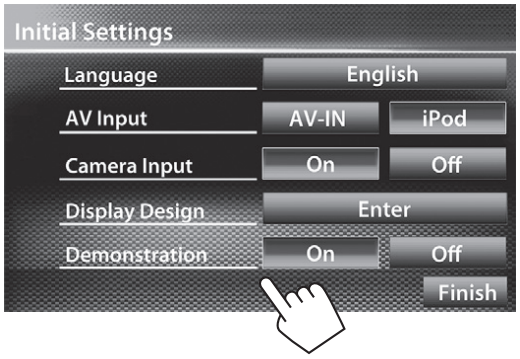
Initial settings

ENGLISH

When you power on the unit for the first time or reset the unit, the initial setting screen appears.

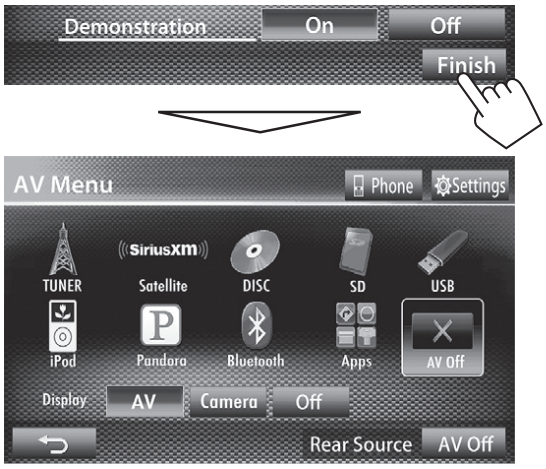
- You can also change the settings on the <**Settings**> screen. (☞ page 49)

1



Language	Select the text language used for on-screen information. (☞ page 51)
AV Input	Select an external component to play. (☞ page 50)
Camera Input	Select <**On**> when connecting the rear view camera. (☞ page 51)
Display Design	Select the background and the colors of the text and the touch panel buttons. (☞ page 44)
Demonstration	Activate or deactivate the display demonstration. (☞ page 50)

2 Finish the procedure.



<**AV Menu**> screen is displayed.

- <**AV Off**> is selected initially. Select the playback source. (☞ page 12)

Setting the clock

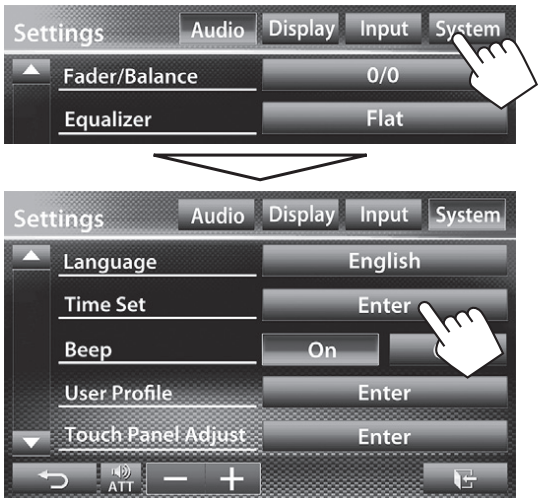
ENGLISH

1 Display <AV Menu> screen.

On the source control screen:

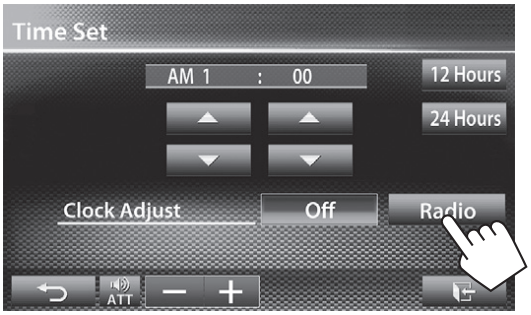
2 Display <Settings> screen.

3

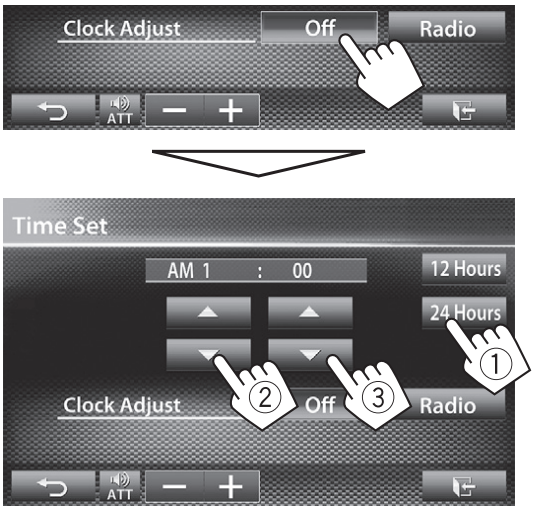


4 Set the clock time.

To synchronize the clock time with FM RBDS



To set the clock manually



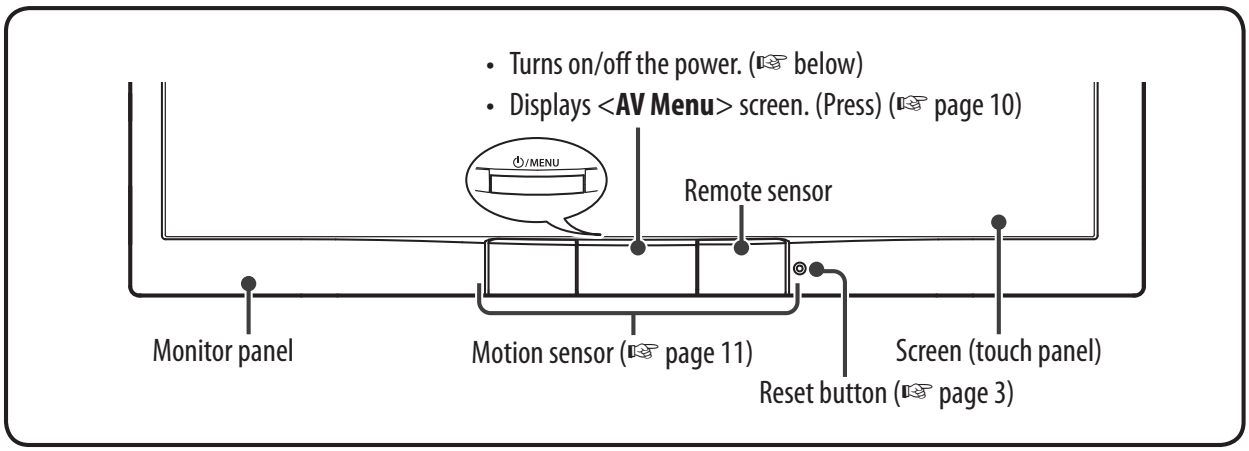
① Select the time display format

② Adjust the hour

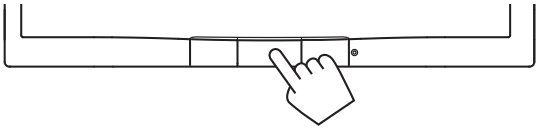
③ Adjust the minute

5 Finish the procedure.

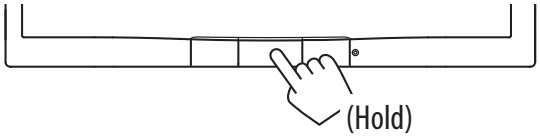
Common operations


• Turns on/off the power. (☞ below)
• Displays <**AV Menu**> screen. (Press) (☞ page 10)
⏻/MENU
Remote sensor
Monitor panel
Motion sensor (☞ page 11)
Screen (touch panel)
Reset button (☞ page 3)

Turning on the power



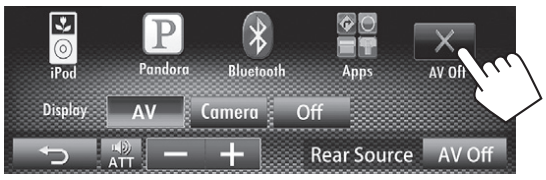
Turning off the power



Turning on/off the AV source

You can activate the AV function by selecting source on <**AV Menu**> screen.

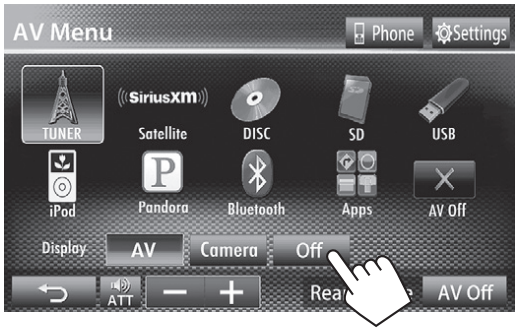
To turn off the AV source



AV source is turned off.

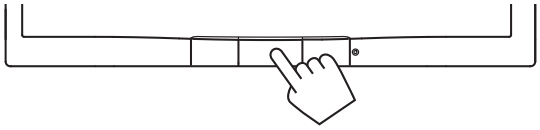
Turning off the screen

On <**AV Menu**> screen:



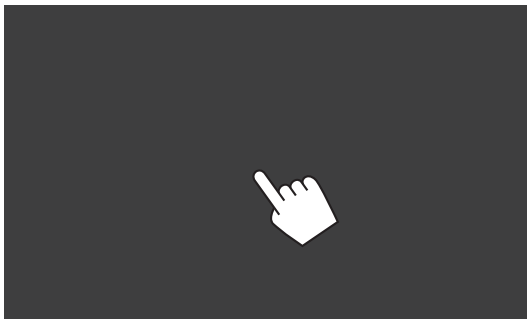
The screen is turned off.

To turn on the screen



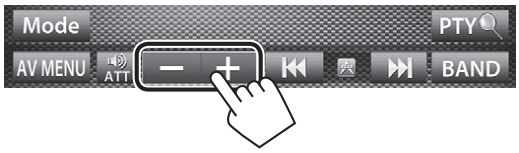
or

Touch the screen to display <**AV Menu**> screen.

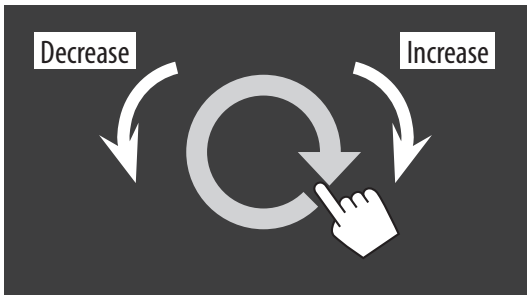


Adjusting the volume

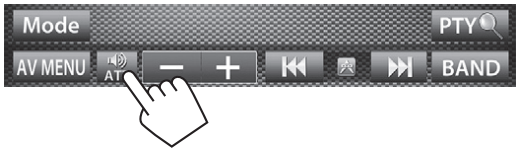
To adjust the volume (00 to 50)



- On the source control screen, you can also adjust the volume by moving your finger on the touch panel as illustrated.



To attenuate the sound



The ATT indicator lights up.

To cancel the attenuation, press [ATT] again.

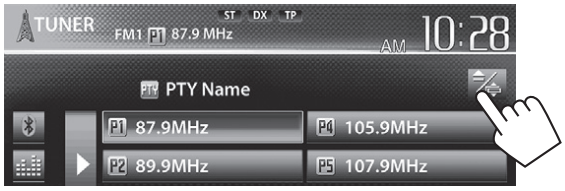
Caution on volume setting:

Digital devices (CD/SD/USB/iPod) produce very little noise compared with other sources. Lower the volume before playing these digital sources to avoid damaging the speakers by sudden increase of the output level.

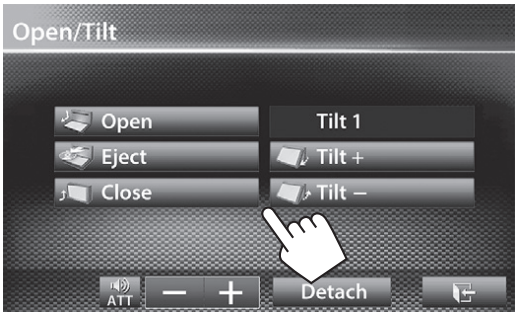
Monitor panel operations — Open/Tilt

ENGLISH

1 On the source control screen:

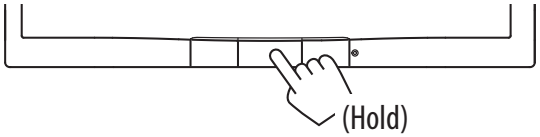


2



[**Open**]	Opens the monitor panel.
[**Eject**]	Ejects the disc.
[**Close**]	Closes the monitor panel. • Do not place your finger behind the monitor panel.
[**Tilt +**] [**Tilt –**]	Tilts the monitor panel.
[**Detach**]	To detach the monitor panel. (☞ page 5)
[ ]	Goes back to the current source screen.

- When the ACC is off, you can also eject the disc. Hold ⏻/MENU to display the <**Open/Tilt**> screen.



Switching screens

Source control screen

Common operating buttons

[ ]*1	Displays the screen of App from connected iPod touch/iPhone. (☞ page 32)
[ ]*2	• Displays the phone control screen. (Press) • Switches to the last connected mobile phone. (Hold) (☞ page 56)
[ ]	Displays the sound adjustment screen. (☞ page 42)
[**TP**]	Activates/deactivates TA standby reception mode. (☞ page 16)
[⏏ /]	Displays <**Open/Tilt**> screen. (☞ page 9)

<AV Menu> screen

Displays source control screen/settings screen and changes picture source.

Select an item to display on the screen.

[**AV**]	Displays the source control screen. (☞ above)
[**Camera**]	Displays the picture from the rear view camera. (☞ page 48)
[**Apps**]*1	Displays the screen of App from connected iPod touch/iPhone. (☞ page 32)
[**Off**]	Turns off the screen. (☞ page 8)

<Settings> screen

Changes the detailed settings. (☞ page 49)

*1 *Appears when* <**Input**> *setting in* <**Navigation Input**> *screen is set to* <**iPhone**>. *(☞ page 32)*

*2 *The icon varies depending on the connection status of the Bluetooth device (☞ page 54).*

- Press [ ] to return to the previous screen.
- Press [ ] to display the current source control screen.

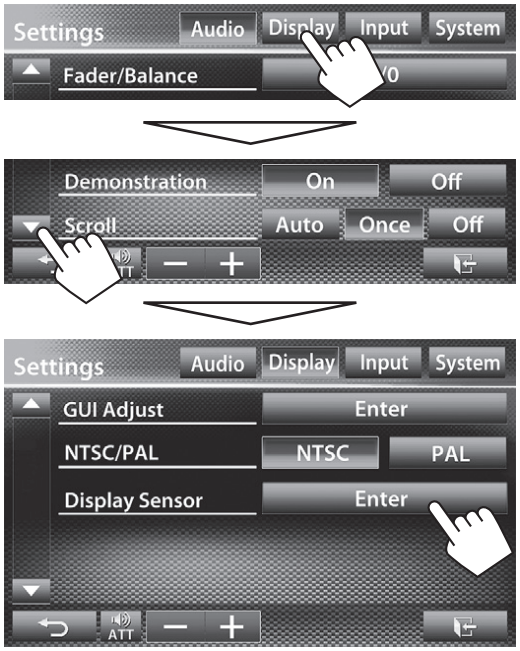
Operations on the screen

Setting <Display Sensor>

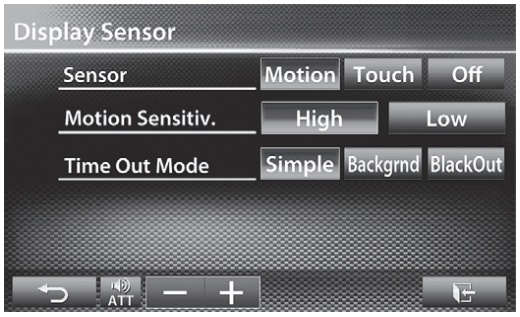
Change the settings of how to display the buttons, the sensitivity of the motion sensor, and how the screen is changed when no operation is performed for a while.

1 On <**AV Menu**> screen:

2



3



<Sensor>

Selects the method to show the buttons and playback information.

Motion	Shows the buttons and playback information when you move your hand closer to the motion sensor. • The motion sensor does not work when the screen is turned off. (☞ page 8)
Touch	Shows the buttons and playback information when you touch the screen.
Off	Deactivates the <**Motion**> or <**Touch**> function.

- To hide the buttons and playback information again when <**Motion**> or <**Touch**> is selected, touch the screen repeatedly.

<Motion Sensitiv.>

Selects the sensor sensitivity (<**High**> or <**Low**>).

- Available when <**Sensor**> is set to <**Motion**>.

<Time Out Mode>

Selects the items shown on the screen when no operation is performed for approximately 10 seconds and when the light of the ⏻/MENU on the monitor panel is turned off.

- Available when <**Sensor**> is set to <**Motion**> or <**Touch**> (☞ above).

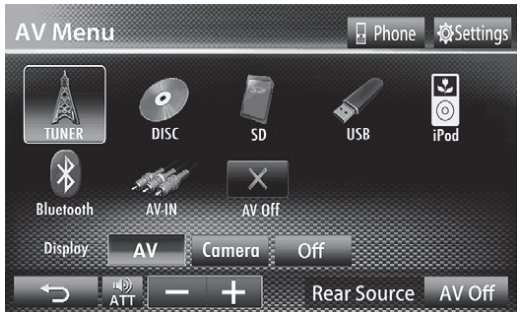
Simple	Shows source information and some source control buttons (such as volume control buttons).
Backgrnd	The background is shown.
BlackOut	The screen is turned off. • To restore the screen: – When <**Sensor**> is set to <**Motion**>, move your hand closer to the motion sensor. – When <**Sensor**> is set to <**Touch**>, touch the screen.

AV SOURCE OPERATIONS

Selecting the playback source

KW-AV70BT

KW-AV78BT



TUNER (☞ page 13)	Switches to the radio broadcast.
Satellite*1 (☞ page 37)	Switches to the SiriusXM™ radio broadcast.
DISC (☞ page 17)	Plays a disc.
SD (☞ page 24)	Plays files on an SD card.
USB (☞ page 26)	Plays files on a USB device.
iPod (☞ page 28)	Plays an iPod/iPhone.
Pandora*1 (☞ page 34)	Switches to the PANDORA® internet radio broadcast.
Bluetooth (☞ page 62)	Plays a Bluetooth audio player.
AV-IN*2 (☞ page 36)	Switches to an external component connected to LINE IN/VIDEO IN jacks on the rear panel.
Apps*3 (☞ page 32)	Switches to the screen of App from the connected iPod touch/ iPhone.
AV Off (☞ page 8)	Turns off the AV source.

*1 *Only for KW-AV70BT.*

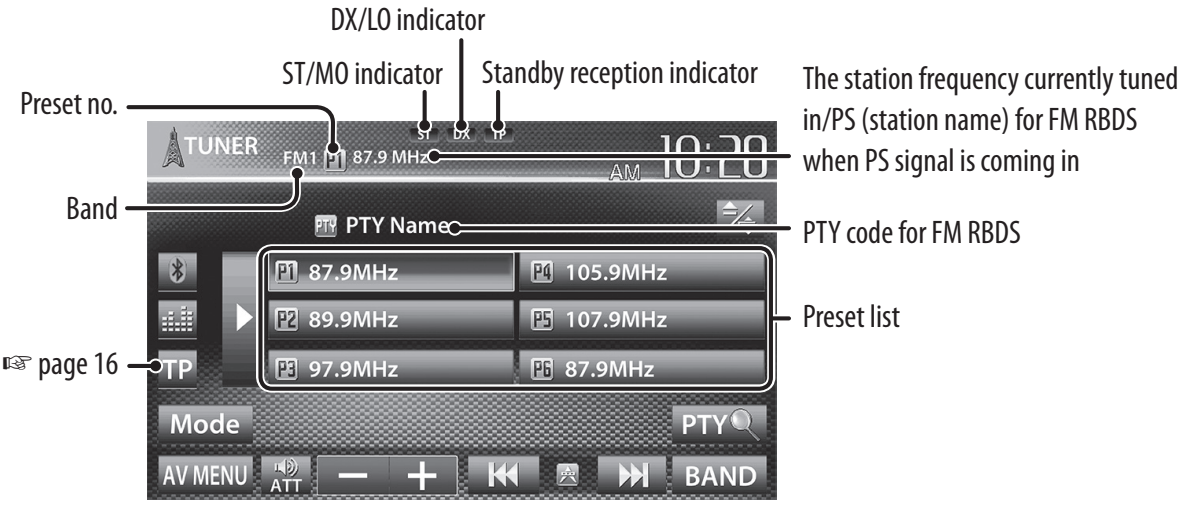
*2 *Appears only when <**AV Input**> is set to <**AV-IN**>. (☞ page 50)*

*3 *Appears only when <**AV Input**> is set to <**iPod**>. (☞ page 50)*

Listening to the radio

ENGLISH

Preparation: Select the appropriate tuner channel interval for <**Area Setting**>. (☞ page 15)



- The ST indicator lights up when receiving an FM stereo broadcast with sufficient signal strength.

[**P1**] – [**P6**]
- Tunes in the preset station. (Press)
- Presets the currently tuned station. (Hold)

[**TP**]* Activates/deactivates TA standby reception mode. (☞ page 16)

[►] Displays/hides the information of the current station (☞ below).

[**PTY** 🔍]* Enters FM RBDS program search mode. (☞ page 16)

[**BAND**] Selects the band.
➔FM1➔FM2➔FM3➔AM

[I◄◄] [►►I] Searches for a station.
- Auto search (Press)
- Manual search (Hold)

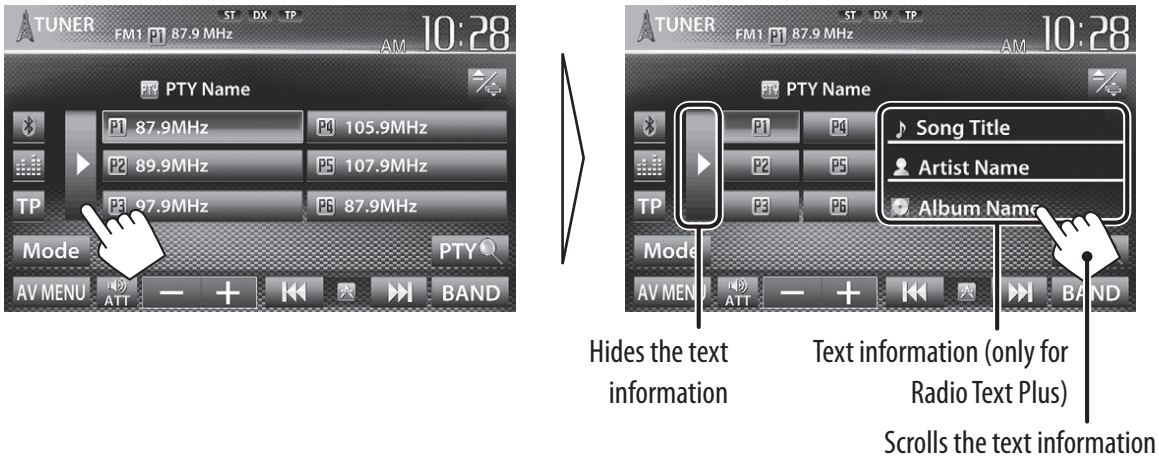
[ATT] [–] [+] Adjusts the volume.

[**Mode**] Displays tuner setting screen. (☞ pages 14 – 15)

[**AV MENU**] Displays <**AV Menu**> screen.

* *Appears only when FM is selected as the source.*

Displaying the information of the current station



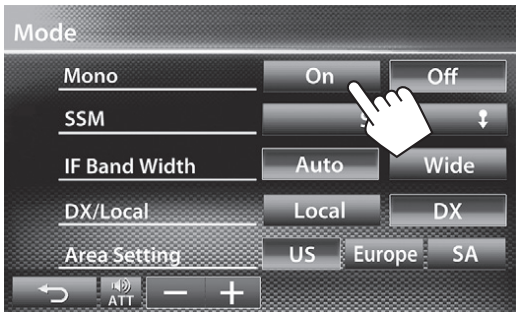
ENGLISH

When an FM stereo broadcast is hard to receive...

Activate monaural mode for better reception.

1

2



On	Activate monaural mode to improve FM reception, but the stereo effect will be lost. The MO indicator lights up.
Off	Restore the stereo effect.

To tune in FM stations only with strong signals—LO/DX (Local/Distance-extreme)

1

2

Local	Select this to tune in only to stations with sufficient signal strength. The LO indicator lights up.
DX	Deactivate the function. The DX indicator lights up.

When the FM reception is interfered...

1

2

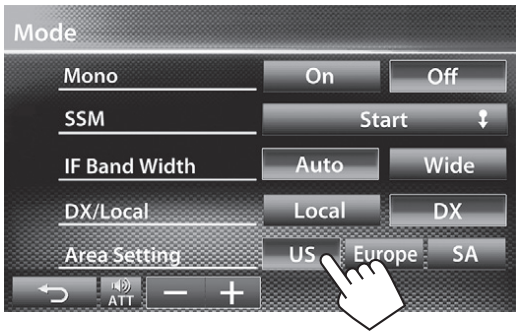
Auto	Increases the tuner selectivity to reduce interference noises between adjacent stations. (Stereo effect may be lost.)
Wide	Subject to the interference from adjacent stations, but sound quality will not be degraded and the stereo effect will remain.

Changing the tuner channel interval

Tuner channel interval changes depending on the area you use this unit.

1

2



US	Select this when using in North/ Central/South America. FM/AM intervals are set to 200 kHz/10 kHz.
Europe	Select this when using in any other areas. FM/AM intervals are set to 50 kHz/9 kHz.
SA	Select this when using in South American countries where FM interval is 50 kHz. AM interval is set to 10 kHz.

- Initial setting is <**US**> for KW-AV70BT, and <**SA**> for KW-AV78BT.

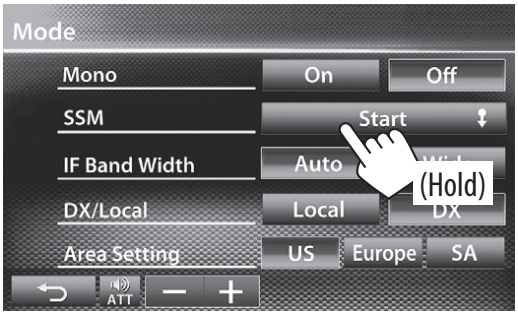
Storing stations in memory

You can preset six stations for each band.

Automatic presetting—SSM (Strong-station Sequential Memory) (For FM only)

1

2

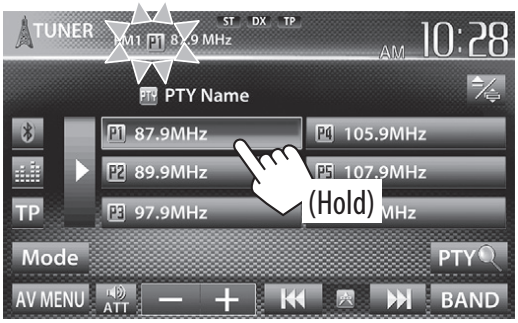


Local stations with the strongest signals are searched and stored automatically.

Manual presetting

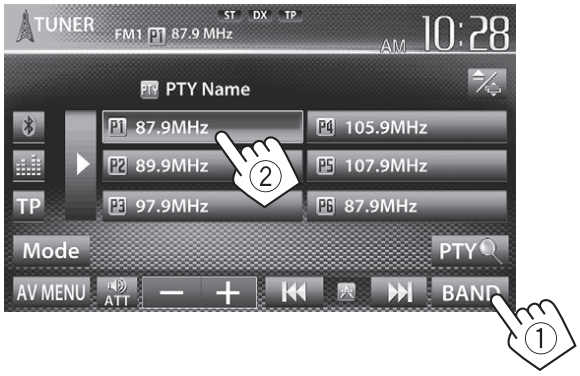
1 **Tune in to a station you want to preset.**
(☞ page 13)

2 **Select a preset number.**



The station selected in step **1** is stored.

Selecting a preset station

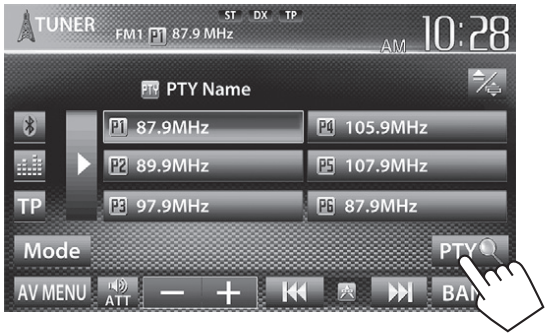


The following features are available only for FM RBDS stations.

Searching for FM RBDS program—PTY Search

You can search for your favorite programs being broadcast by selecting the PTY code for your favorite programs.

1

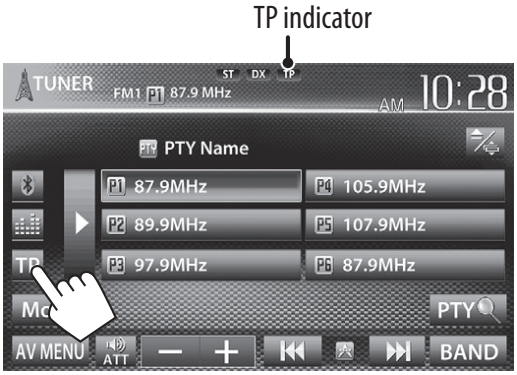


2 Select a PTY code.

Changes the page

PTY Search starts.
If there is a station broadcasting a program of the same PTY code as you have selected, that station is tuned in.

Activating/deactivating TA Standby Reception



TP indicator	TA Standby Reception
Lights up	The unit will temporarily switch to Traffic Announcement (TA) if available.
Flashes	Not yet activated. Tune in to another station providing the RBDS signals.
Goes off	Deactivated.

- The volume adjustment for Traffic Announcement is automatically memorized. The next time the unit switches to Traffic Announcement, the volume is set to the previous level.

Disc operations

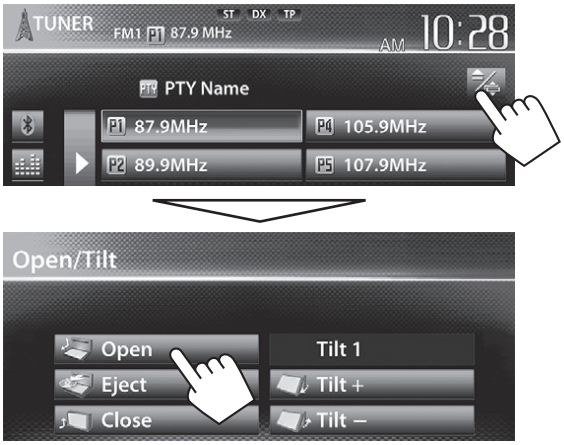
Playing a disc

- If a disc does not have any disc menu, all tracks on it will be played repeatedly until you change the source or eject the disc.

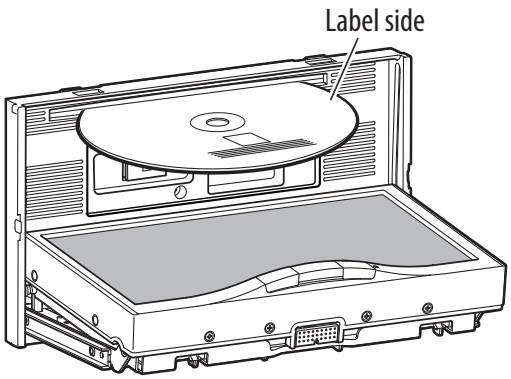
Inserting a disc

1 Open the monitor panel.

On the source control screen:



2



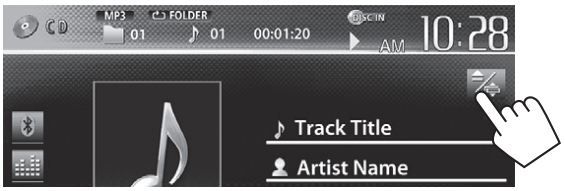
The source changes to "**DISC**" and playback starts.

- The DISC IN (DISC IN) indicator lights up while a disc is inserted.

- If "⃠" appears on the screen, the unit cannot accept the operation you have tried to do.
  – In some cases, without showing "⃠," operations will not be accepted.
- When playing back a multi-channel encoded disc, the multi-channel signals are downmixed to stereo.

To eject a disc

1 On the source control screen:



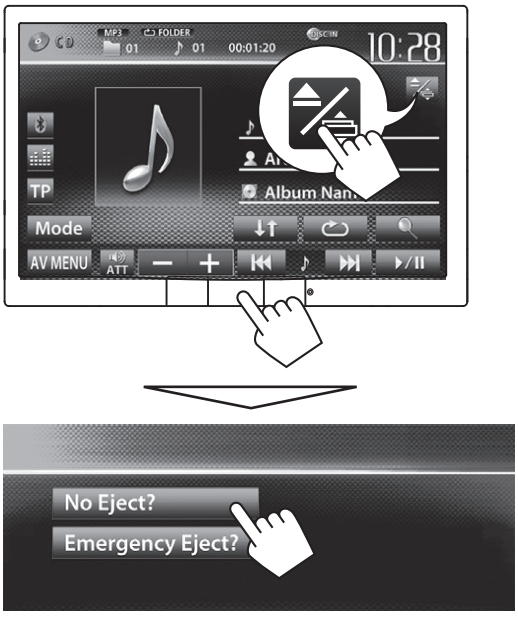
2 Press [Eject].

- You can eject a disc when playing another AV source.
- If the ejected disc is not removed within 15 seconds, the disc is automatically inserted again into the loading slot to protect it from dust.
- If the disc cannot be ejected, ☞ page 3.

When removing a disc, pull it horizontally.

To prohibit disc ejection

On the source control screen, press ⏏ / ⏏ and ⏻/ MENU at the same time.



To cancel the prohibition, repeat the same procedure to select <**Eject OK?**>.

Playable disc types

Disc type	Recording format, file type, etc.	Playable
DVD • DTS sound cannot be reproduced or emitted from this unit.	DVD-Video *1 Region Code: • For KW-AV70BT: 1 • For KW-AV78BT: 4	✓OK
	DVD-Audio/DVD-ROM	✗NO
DVD Recordable/Rewritable (DVD-R/-RW *2, +R/+RW *3) • DVD Video: UDF bridge • DVD-VR • DivX*4/MPEG1/MPEG2/JPEG/MP3/WMA/WAV: ISO 9660 level 1, level 2, Romeo, Joliet	DVD-Video	✓OK
	DVD-VR *5	
	DivX*4/MPEG1/MPEG2	
	JPEG	
	MP3/WMA/WAV	
	MPEG4/AAC/DVD+VR/DVD-RAM	✗NO
Dual Disc	DVD side	✓OK
	Non-DVD side	✗NO
CD/VCD	Audio CD/CD Text (CD-DA)	✓OK
	VCD (Video CD)	
	DTS-CD/SVCD (Super Video CD)/CD-ROM/CD-I (CD-I Ready)	✗NO
CD Recordable/Rewritable (CD-R/-RW) • ISO 9660 level 1, level 2, Romeo, Joliet	CD-DA	✓OK
	VCD (Video CD)	
	DivX*4/MPEG1/MPEG2	
	JPEG	
	MP3/WMA/WAV	
	MPEG4/AAC	✗NO

*1 *If you insert a DVD Video disc of an incorrect Region Code, "Region Code Error" appears on the screen.*

*2 *DVD-R recorded in multi-border format is also playable (except for dual layer discs). DVD-RW dual layer discs are not playable.*

*3 *It is possible to play back finalized +R/+RW (Video format only) discs. "DVD" is selected as its disc type when a +R/+RW disc is loaded. +RW double layer discs are not playable.*

*4 *Playable only for KW-AV70BT.*

*5 *This unit cannot play back contents protected with CPRM (Content Protection for Recordable Media).*

Caution for DualDisc playback

The Non-DVD side of a "DualDisc" does not comply with the "Compact Disc Digital Audio" standard. Therefore, the use of Non-DVD side of a DualDisc on this product may not be recommended.

Playback operations

To select the method to display the source control screen, ☞ page 11.

- The operation buttons disappear when no operation is done for about 10 seconds.

ENGLISH

For DVD/DVD-VR/VCD/DivX/MPEG1/MPEG2/JPEG

☞ page 9

Playback status
(►: play/❚❚: pause/■: stop)

- DVD Video: Title no./ Chapter no.
- DVD-VR: Program no. (or Playlist no.)/Chapter no.*1
- DivX/MPEG1/MPEG2: Folder no./Track no.
- JPEG: Folder no./File no.
- VCD: Track no.

[■]*2	Stops playback.
[🔍]*3	Displays folder/track list. (☞ page 20)
[↻] [↓↑]*4	Selects playback mode. (☞ page 22)
[►/❚❚]	Starts/pauses playback.
[I◄◄] [►►I]*5	• Selects chapter/track. (Press) • Reverse/forward search.*6 (Hold)
[ATT] [–] [+]	Adjusts the volume.
[**Mode**]*7	Changes the settings for disc playback. (☞ page 23)
[**AV MENU**]	Displays <**AV Menu**> screen.

*1 *To display the Original Program/Playlist screen, ☞ page 21.*

*2 *Appears only for DVD/DVD-VR/VCD.*

*3 *Does not appear for DVD/DVD-VR/VCD.*

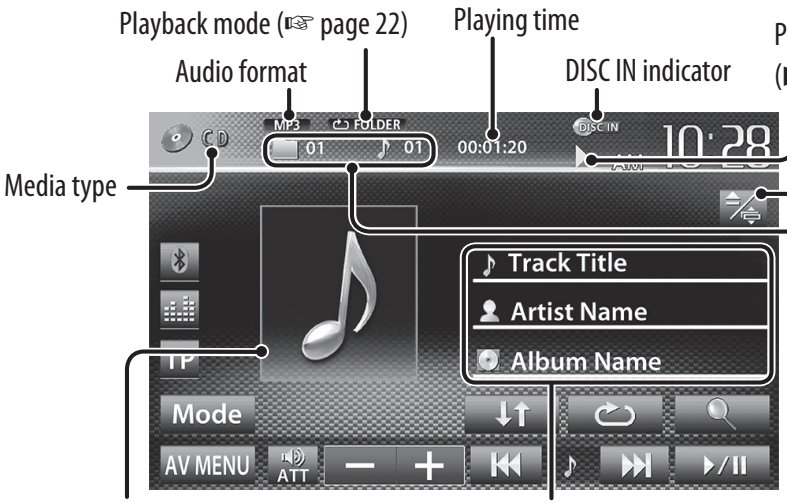
*4 *Does not appear for DVD/DVD-VR/JPEG.*

*5 *The icon displayed between the buttons varies depending on the type of disc or file.*

*6 *Search speed varies depending on the type of disc or file.*

*7 *Does not appear for VCD.*

For CD/MP3/WMA/WAV

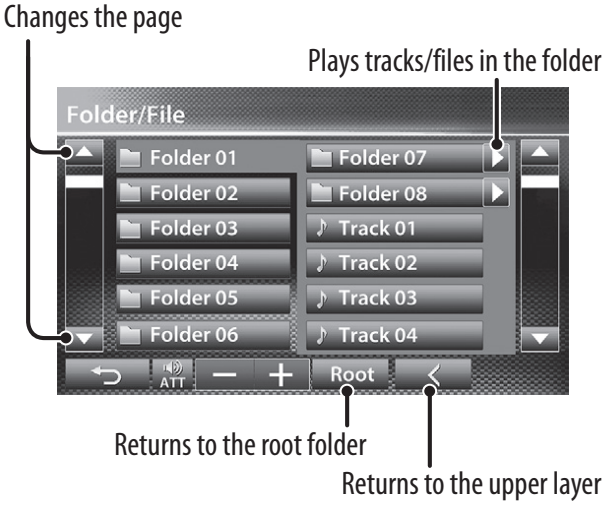


[🔍]*1	Displays folder/track list. (☞ below)
[↻] [↓↑]	Selects playback mode. (☞ page 22)
[▶/❚❚]	Starts/pauses playback.
[I◀◀] [▶▶I]	• Selects track. (Press) • Reverse/forward search.*2 (Hold)
[ATT] [–] [+]	Adjusts the volume.
[**Mode**]*1	Changes the settings for disc playback. (☞ page 23)
[**AV MENU**]	Displays <**AV Menu**> screen.

*1 *Does not appear for CD.*

*2 *Search speed varies depending on the type of disc or file.*

Selecting folder/track on the list



Playing Recordable/Rewritable discs

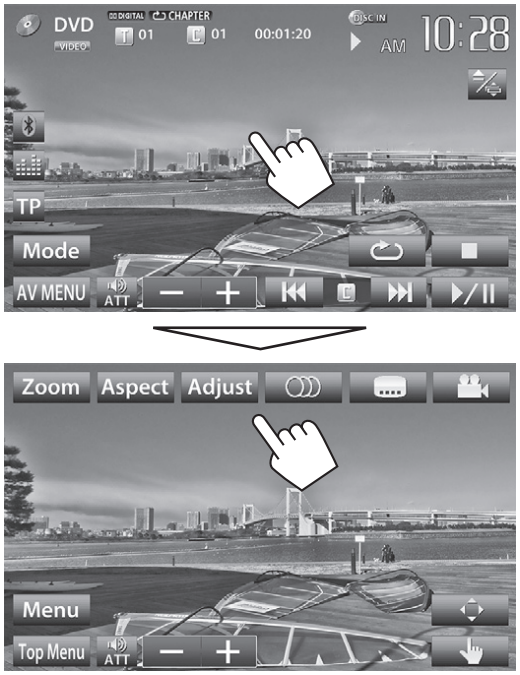
- This unit can recognize a total of 5 000 files and 250 folders (a maximum of 999 files per folder).
- Use only "finalized" discs.
- This unit can play back multi-session discs; however, unclosed sessions will be skipped while playing.
- Some discs or files may not be played back due to their characteristics or recording conditions.

Video menu operations

You can display the video menu screen while watching the playback pictures on the screen.

- Available items on the screen differ depending on the types of the loaded disc and playback files.
- The operation buttons disappear when no operation is done for about 10 seconds.

Touch any position of the screen other than operation buttons.



- The screen for MPEG1/MPEG2 differs from the above.

[**Zoom**]	Displays the picture size selecting screen. (☞ page 47)
[**Aspect**]	Selects aspect ratio. (☞ page 47)
[**Adjust**]	Displays picture adjustment screen. (☞ page 46)
[◯◯◯]	Selects the audio type. • For DVD-VR: Selects the audio channel (ST: stereo, L: left, R: right).
[▭]	Selects the subtitle type.
[🎥]	Selects view angle.
[**Menu**]	Displays the disc menu (DVD)/playlist (DVD-VR).
[**Top Menu**]	Displays the disc menu (DVD)/original program (DVD-VR).
[✥]	Displays the menu/playlist/original program/scene selecting screen. (☞ below)
[☝]	Switches to the direct menu selection mode. Touch the target item to select. • To exit from the menu selecting screen, press [↩].

- Touching any position other than operation buttons displays the source control screen.

Using menu/playlist/original program/ scene selecting screen

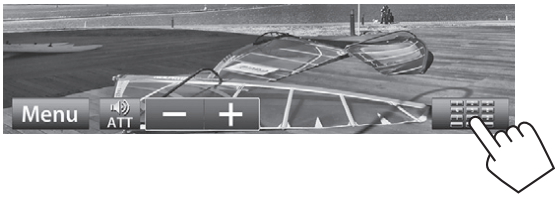
[▲] [▼] [◄] [►]	Selects an item.
[**Enter**]	Confirms the selection.
[**Return**]	Returns to the menu screen of the previous layer.
[↩]	Displays the menu screen of the top layer when several menu screens exist on the disc.

- For DivX only

[◄] [►]	Skips back or forward by about 5 minutes.
[**Return**]	Returns to the previous screen.
[↩]	Exits from the scene selecting screen.

Only for VCD

1



2

Direct selecting buttons (☞ below)

[**Zoom**]	Displays the picture size selecting screen. (☞ page 47)
[**Aspect**]	Selects aspect ratio. (☞ page 47)
[**Adjust**]	Displays picture adjustment screen. (☞ page 46)
[◯◯◯]	Selects the audio channel (ST: stereo, L: left, R: right).
[**Return**]	Displays the previous screen or the menu.
[**Menu**]	Displays the disc menu.
[▦]	Displays/hides the direct selecting buttons. (☞ below)

- To select a track directly

  – To switch between chapter/track entry and title/folder entry, press [**Direct/CLR**].
  – When you enter a wrong number, press [**Direct/CLR**] to delete the last entry.

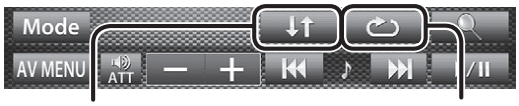
- To deactivate the PBC function, press [■] then the direct selecting buttons to select a track number.

Selecting playback mode

For DVD/DVD-VR

Selects Repeat playback mode

For VCD (without PBC)/CD/DivX/MPEG1/MPEG2/MP3/WMA/WAV



Selects Random playback mode*

Selects Repeat playback mode*

* *You cannot activate the repeat mode and the random mode at the same time.*

- Each time you press the button, the playback mode changes. (The corresponding indicator lights up.)
  – Available items differ depending on the types of loaded disc and playback file.

Indicator	Playback mode
CHAPTER	Repeats current chapter.
TITLE	Repeats current title.
PROGRAM	Repeats current program (not available for Playlist playback).
SONGS	Repeats current track.
FOLDER	Repeats all tracks of the current folder.
FOLDER	Randomly plays all tracks of current folder, then tracks of next folders.
ALL	Randomly plays all tracks.

To cancel, press the button repeatedly until the indicator disappears.

Settings for disc playback

Disc Setup items		Selectable setting/item — Initial: **Underlined**
For DVD/DVD-VR/DivX	**Menu Language**	Select the initial disc menu language; Initial **English** (☞ page 69).
	Audio Language	Select the initial audio language; Initial **English** (☞ page 69).
	Subtitle	Select the initial subtitle language or erase the subtitle (**Off**). • Initial for KW-AV70BT: **Off**, for KW-AV78BT: **English** (☞ page 69)
	Down Mix	When playing back a multi-channel disc, this setting affects the signals reproduced through the FRONT OUT/REAR OUT jacks. ◆ **Dolby Surround** : Select this to enjoy multi-channel surround audio by connecting an amplifier compatible with Dolby Surround. ◆ **Stereo** : Normally select this.
	D. (Dynamic) Range Compres. (Compression)	You can change the dynamic range while playing Dolby Digital software. ◆ **Off** : Select this to enjoy a powerful sound at a low volume level with its full dynamic range. ◆ **On** : Select this to reduce the dynamic range a little. ◆ **Dialog** : Select this to reproduce the movie dialog more clearly.
For discs except VCD/CD	**Monitor Type**	Select the monitor type to watch a wide screen picture on the external monitor. ◆ **16:9** ◆ **4:3 LB** (Letterbox) ◆ **4:3 PS** (PanScan)
For discs containing audio/ video/picture files	**File Type**	Select the playback file type when a disc contains different types of files. ◆ **Audio** : Plays back audio files. ◆ **Still Picture** : Plays back JPEG files. ◆ **Video** : Plays back DivX/MPEG1/MPEG2 files. ◆ **Audio&Video** : Plays back audio files and DivX/MPEG1/MPEG2 files. • For playable file types, ☞ page 18. • If the disc contains no files of the selected type, the existing files are played in the following priority: audio, video, then still picture.

SD operations

Playing files in an SD card

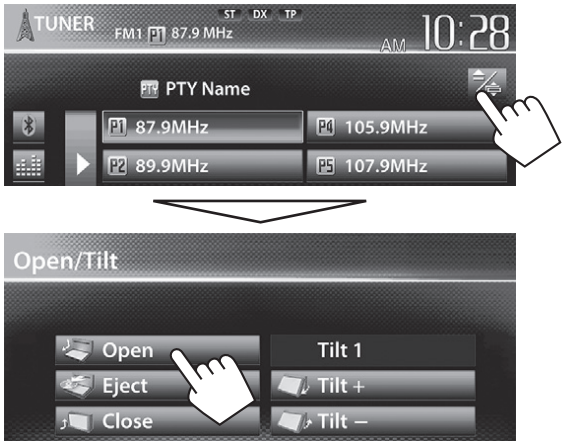
- This unit can play JPEG/MPEG1/MPEG2*/MP3/WMA/WAV files stored in an SD card.
- This unit can recognize a total of 5 000 files and 250 folders (a maximum of 999 files per folder).
- Make sure all important data has been backed up to avoid losing the data.

* *Except for MPEG2 files recorded by JVC Everio camcorder (extension code <.mod>).*

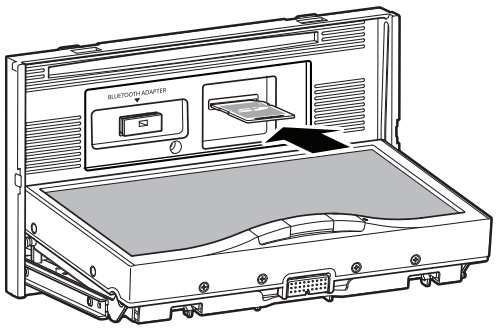
Inserting an SD card

1 Open the monitor panel.

On the source control screen:



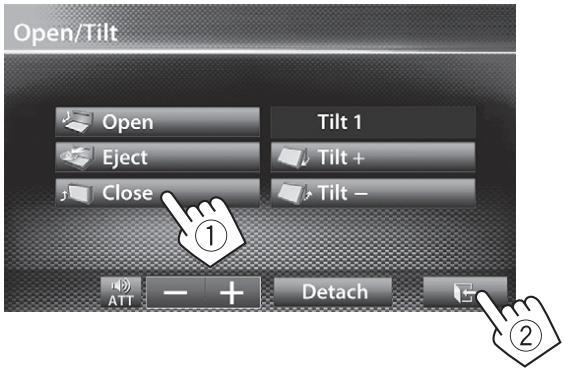
2



Push in the SD card until you hear a clicking sound.
The source changes to "**SD**" and playback starts.

- All tracks in the SD card will be played repeatedly until you change the source.

3 Close the monitor panel.



To eject the SD card

1 Open the monitor panel.

2 Push the SD card gently.

- Do not release your finger quickly; otherwise, the SD card may pop out from the loading slot.

3 Close the monitor panel.

To select the method to display the source control screen, ☞ page 11.

- The operation buttons disappear when no operation is done for about 10 seconds.
- To change settings for video playback, ☞ page 46.

- MP3/WMA/WAV: Folder no./Track no.
- JPEG: Folder no./File no.

Track/file information (for MP3/WMA/WAV)

- Touching an information bar scrolls the text if not all of the text is shown.

While playing, the jacket picture is shown if the file has the tag data including the jacket picture.

[🔁] Selects repeat playback mode. *1 *2

- 🔁 **SONGS**: Repeats current track.
- 🔁 **FOLDER**: Repeats all tracks of the current folder.

[🔀] Selects random playback mode. *1 *2

- 🔀 **FOLDER**: Randomly plays all tracks of the folder.
- 🔀 **ALL**: Randomly plays all tracks.

[🔍] Displays folder/track list. (☞ page 20)

[►/❚❚] Starts/pauses playback.

[|◄◄] [►►|]*3

- Selects track. (Press)
- Reverse/forward search.*4 (Hold)

[ATT] [–] [+] Adjusts the volume.

[**Mode**] Changes the settings for <**File Type**> and <**Monitor Type**>. (☞ below)

[**AV MENU**] Displays <**AV Menu**> screen.

- Available items differ depending on the types of playback file.

*1 *To cancel random or repeat mode, press the button repeatedly until the indicator disappears.*

*2 *You cannot activate the repeat mode and the random mode at the same time.*

*3 *The icon displayed between the buttons varies depending on the file type.*

*4 *Search speed varies depending on the file type.*

Setting <File Type>

Audio	Plays back audio files.
Still Picture	Plays back JPEG files.
Video	Plays back MPEG1/MPEG2 files.
Audio&Video	Plays back audio files and MPEG1/MPEG2 files.

- If the SD card contains no files of the selected type, the existing files are played in the following priority: audio, video, then still picture.

Setting <Monitor Type>

Select the monitor type to watch a wide screen picture on the external monitor.

16:9	**4:3 LB** (Letterbox)	**4:3 PS** (PanScan)

USB operations

Playing a USB device

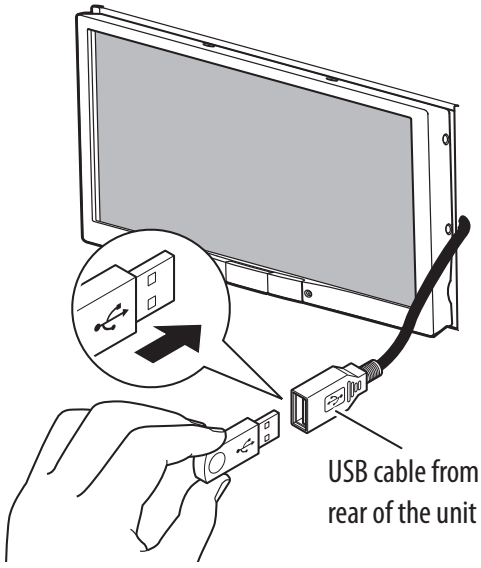
- This unit can play JPEG/MPEG1/MPEG2*/MP3/WMA/WAV files stored in a USB mass storage class device.
- This unit can recognize a total of 5 000 files and 250 folders (a maximum of 999 files per folder).
- Make sure all important data has been backed up to avoid losing the data.

* *Except for MPEG2 files recorded by JVC Everio camcorder (extension code <.mod>).*

Connecting a USB device

You can connect a USB mass storage class device such as a USB memory, Digital Audio Player etc. to the unit.

- You cannot connect a computer or portable HDD to the USB cable from the rear of the unit.



The source changes to "**USB**" and playback starts.

- All tracks in the USB device will be played repeatedly until you change the source.

Cautions:

- This unit may not play back files in a USB device properly when using a USB extension cord.
- USB devices equipped with special functions such as data security functions cannot be used with the unit.
- Do not use a USB device with 2 or more partitions.
- Depending on the shape of the USB devices and connection ports, some USB devices may not be attached properly or the connection might be loose.
- This unit cannot recognize a USB device whose rating is other than 5 V and exceeds 1 A.
- This unit may not recognize a memory card inserted into the USB card reader.
- Connect only one USB device to the unit at a time. Do not use a USB hub.
- When connecting with a USB cable, use the USB 2.0 cable.
- The maximum number of characters for (when the characters are 1 byte):
  - Folder names: 50 characters
  - File names: 50 characters
- Avoid using the USB device if it might effect driving safety.
- Do not pull out and connect the USB device repeatedly while "Now Reading" is shown on the screen.
- Electrostatic shock at connecting a USB device may cause abnormal playback of the device. In this case, disconnect the USB device then reset this unit and the USB device.
- Operation and power supply may not work as intended for some USB devices.
- Do not leave a USB device in the car, or expose to direct sunlight or high temperature to avoid deformation or damage to the device.

To select the method to display the source control screen, ☞ page 11.

- The operation buttons disappear when no operation is done for about 10 seconds.
- To change settings for video playback, ☞ page 46.

[🔍] Displays folder/track list. (☞ page 20)

[↻] Selects repeat playback mode. *1 *2

- ↻ **SONGS**: Repeats current track.
- ↻ **FOLDER**: Repeats all tracks of the current folder.

[↓↑] Selects random playback mode. *1 *2

- ↓↑ **FOLDER**: Randomly plays all tracks of the folder.
- ↓↑ **ALL**: Randomly plays all tracks.

[USB A⇄B] Switches between the internal and external memory source of the connected device (such as mobile phone).

[►/❚❚] Starts/pauses playback.

[|◄◄] [►►|]*3

- Selects track. (Press)
- Reverse/forward search.*4 (Hold)

[ATT] [–] [+] Adjusts the volume.

[**Mode**] Changes the settings for <**File Type**> and <**Monitor Type**>. (☞ below)

[**AV MENU**] Displays <**AV Menu**> screen.

- Available items differ depending on the types of playback file.

*1 *To cancel random or repeat mode, press the button repeatedly until the indicator disappears.*

*2 *You cannot activate the repeat mode and the random mode at the same time.*

*3 *The icon displayed between the buttons varies depending on the file type.*

*4 *Search speed varies depending on the file type.*

Setting <File Type>

Audio	Plays back audio files.
Still Picture	Plays back JPEG files.
Video	Plays back MPEG1/MPEG2 files.
Audio&Video	Plays back audio files and MPEG1/ MPEG2 files.

- If the USB device contains no files of the selected type, the existing files are played in the following priority: audio, video, then still picture.

Setting <Monitor Type>

Select the monitor type to watch a wide screen picture on the external monitor.

16:9	**4:3 LB** (Letterbox)	**4:3 PS** (PanScan)

Listening to the iPod/iPhone device

- To use App of iPod touch/iPhone (such as MotionX-GPS Drive), ☞ page 32.
- To listen to PANDORA® internet radio, ☞ page 34.

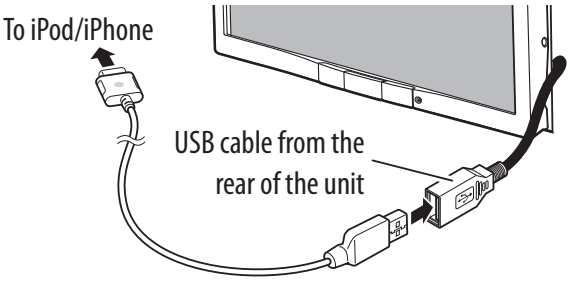
Preparation

iPod/iPhone that can be connected to this unit:
Made for
– iPod with video (5th Generation)
– iPod classic
– iPod nano (6th Generation)
– iPod nano (5th Generation)
– iPod nano (4th Generation)
– iPod nano (3rd Generation)
– iPod nano (2nd Generation)
– iPod nano (1st Generation)
– iPod touch (4th Generation)
– iPod touch (3rd Generation)
– iPod touch (2nd Generation)
– iPod touch (1st Generation)
– iPhone 4
– iPhone 3GS
– iPhone 3G
– iPhone

Connecting iPod/iPhone

Connect your iPod/iPhone using the appropriate cable according to your purpose.

- **To listen to music:** USB 2.0 cable (accessory of the iPod/iPhone)



- **To watch video and listen to music:** USB Audio and Video cable for iPod/iPhone—KS-U30 (separately purchased) (☞ Installation/Connection Manual)

Caution:

- Video is not displayed on the screen if connected with any cable other than KS-U30.

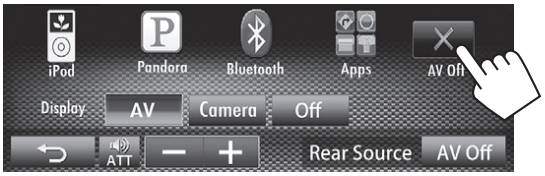
Setting <AV Input> for iPod/iPhone playback

Select appropriate input setting for <**AV Input**> according to the connection method of the iPod/iPhone.

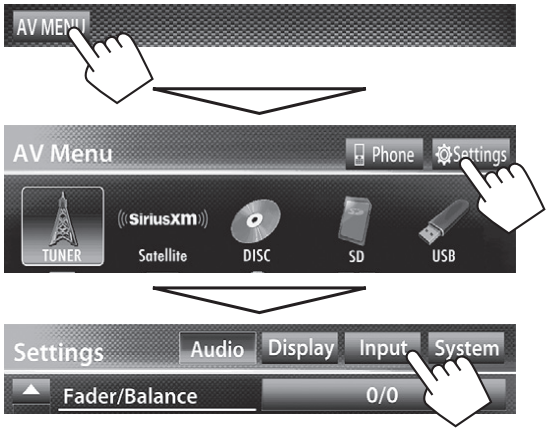
- Make sure that "**AV Off**" is selected as the rear source. (☞ page 41)

1 Turn off the AV source.

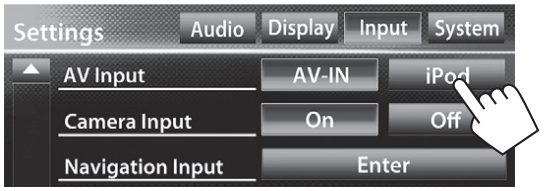
On <**AV Menu**> screen:



2 Display <Input> setting screen.



3



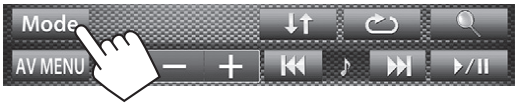
AV-IN	Select this when the iPod/iPhone is connected by using USB 2.0 cable (accessory of the iPod/iPhone).
iPod	Select this when the iPod/iPhone is connected by using KS-U30 (separately purchased).

Setting iPod control mode

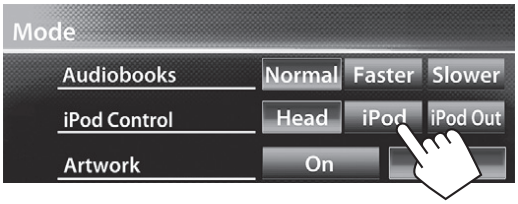
Select the unit controlling iPod/iPhone playback.

When the source is "**iPod**"...

1



2



Head	Controls playback from this unit. (☞ page 30)
iPod	Controls audio/video playback from the iPod/iPhone. • Playback information is shown.
iPod Out*	Displays the menu and playback screen output from iPod/iPhone. (☞ page 31) • You can control playback from this unit in the same way as on the iPod/iPhone.

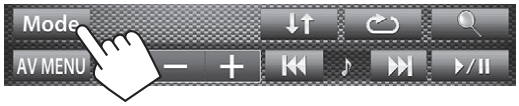
- When using iPod nano (1st Generation) or iPod with video (5th Generation) with <**iPod**> selected for <**iPod Control**>, select <**iPod**> for <**AV Input**> and connect iPod using KS-U30 (separately purchased). (☞ page 28)

* <**iPod Out**> *is available only for the following iPod/iPhone models:*
- *iPod nano (6th Generation)*
- *iPod touch (4th Generation)*
- *iPod touch (3rd Generation)*
- *iPod touch (2nd Generation)*
- *iPhone 4*
- *iPhone 3GS*
- *iPhone 3G*

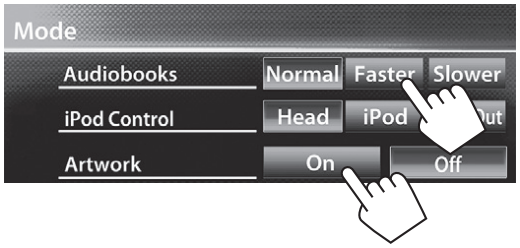
Selecting preference settings for iPod/iPhone playback

When the source is "**iPod**"...

1



2



Audiobooks	Select the speed of audio books.
Artwork	Shows/hides the iPod artwork.

Notice:

When operating an iPod/iPhone, some operations may not be performed correctly or as intended. In this case, visit the following JVC web site: <http://www3.jvckenwood.com/english/car/> (English website only)

For some iPod/iPhone models, the performance may be abnormal or unstable during operation. In this case, disconnect the iPod/iPhone device, then check its condition.
If the performance is not improved or slow, reset your iPod/iPhone.

iPod/iPhone playback operations for <Head> mode

To select the method to display the source control screen, ☞ page 11.
- The operation buttons disappear when no operation is done for about 10 seconds.
- To change settings for video playback, ☞ page 46.

- Select "**iPod**" as the source. (☞ page 12)
- Make sure to select <**Head**> for <**iPod Control**>. (☞ page 29)
- When you turn on this unit, the iPod/iPhone is charged through the unit.

[🔍] Displays the Music/Video menu on the iPod/iPhone. (☞ page 31)

[↻] Selects Repeat playback mode.*1
- ↻ **SONGS**: Functions the same as "Repeat One."

[↓↑] Selects Random playback mode.*1
- ↓↑ **SONGS**: Functions the same as "Shuffle Songs."
- ↓↑ **ALBUMS**: Functions the same as "Shuffle Albums."

[►/❚❚] Starts/pauses playback.

[I◄◄] [►►I]
- Selects a track/video. *2 (Press)
- Reverse/forward search. (Hold)

[ATT] [–] [+] Adjusts the volume.

[**Mode**] Changes the settings for iPod playback. (☞ page 29)

[**AV MENU**] Displays <**AV Menu**> screen.

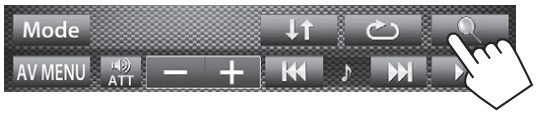
- To watch the video, select an item on the list of the Video menu. (☞ page 31)

*1 *To cancel random and repeat mode, press the button repeatedly until the indicator disappears.*

*2 *You cannot resume playback for video sources.*

Selecting a track/video from menu on the iPod/iPhone

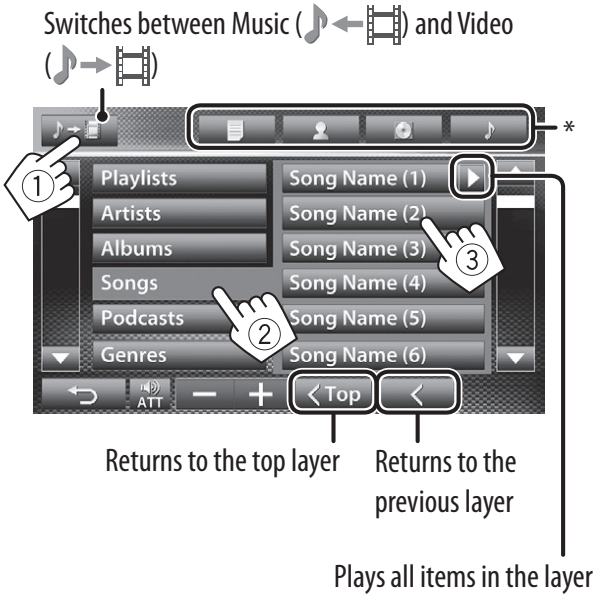
1



2 Select the menu (Music or Video) (①), a category (②), then a desired item (③).

- Select the item in the selected layer until a desired track starts playing.

Music menu:



Video menu:

- Available categories differ depending on the type of your iPod/iPhone.

* *You can switch to the top of the category by pressing the corresponding tab: Playlist ( ), Artist ( ), Albums ( ) or Songs( ).*

iPod/iPhone playback operations for <iPod Out> mode

ENGLISH

- Connect the iPod touch/iPhone using KS-U30 (separately purchased). (☞ Installation/Connection Manual)
- Select <**iPod**> for <**AV Input**> setting. (☞ page 28)
- Make sure to select <**iPod Out**> for <**iPod Control**>. (☞ page 29)
- Select "**iPod**" as the source. (☞ page 12)

Selecting a track from the menu on the iPod/iPhone

[▲] [▼]	Selects a category.
[**Select/►/II**]	Confirms the selection.
[**iPod Menu**]	Returns to the previous layer.

Operations during playback

[◄] [►]	Skips to the previous/next track.
[**Select/►/II**]	Starts/pauses playback.
[**iPod Menu**]	Displays the menu.

Using an App of iPod touch/iPhone

ENGLISH

You can use an App of the connected iPod touch/iPhone on this unit.

- You can operate some functions of an App on the touch panel.

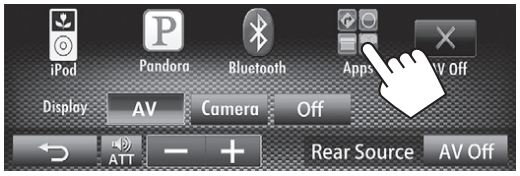
Preparation

- Connect the iPod touch/iPhone using KS-U30 (separately purchased). (☞ Installation/Connection Manual)
- Select <**iPod**> for <**AV Input**> setting. (☞ page 28)
- For Apps you can use on this unit, visit <http://mobile.jvc.com>.

1 Start App on your iPod touch/iPhone.

2 Select "Apps" as the source.

On <**AV Menu**> screen:



- You can also play back the audio/video using iPod/iPhone itself instead of the unit.
  - – You can operate for basic playback on the touch panel.

Audio

Video

- When using MotionX-GPS Drive, operating buttons and information are not shown. You can perform the operations on the touch panel, such as scrolling the map.
- When you use an App of the iPod touch or iPhone, see also page 70 for safety instructions.

Displaying the screen of App while listening to other source

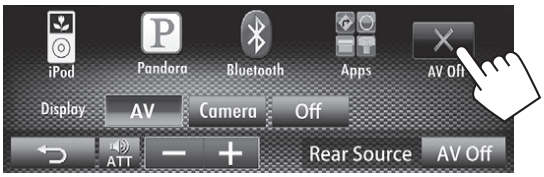
You can switch the display to screen of App (such as MotionX-GPS Drive) from connected iPod touch/iPhone while listening to other source.

Activating input of iPod touch/iPhone to show buttons for switching display

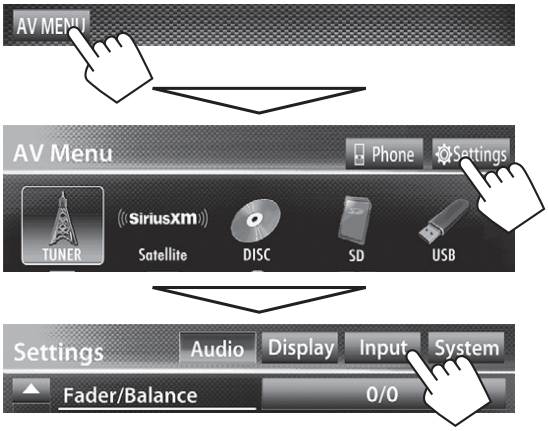
- Make sure that "**AV Off**" is selected as the rear source. (☞ page 41)

1 Turn off the AV source.

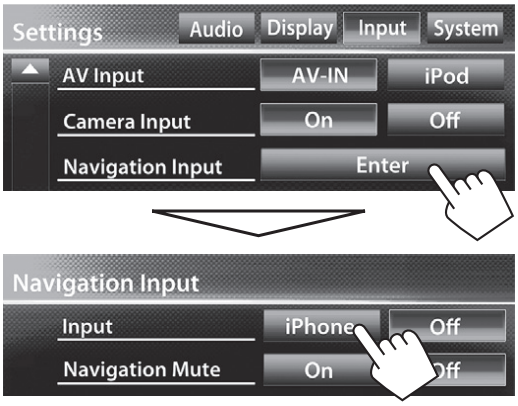
On <**AV Menu**> screen:



2 Display <Input> setting screen.



3 Select <iPhone> for <Input> setting on <Navigation Input> screen.

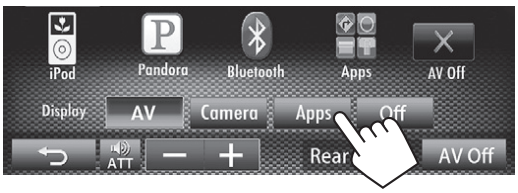


- When <**Input**> is set to <**iPhone**>, [**Apps**] button is shown on the <**AV Menu**> screen, and [ ] button is shown on the source control screen. You can display the screen of App by pressing either button. (☞ below)
- When <**Input**> is set to <**iPhone**>, <**AV Input**> setting is automatically changed and fixed to <**iPod**>.

To deactivate, select <**Off**> for <**Input**>.

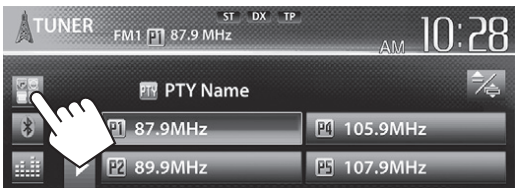
To view the screen of App

On <**AV Menu**> screen:

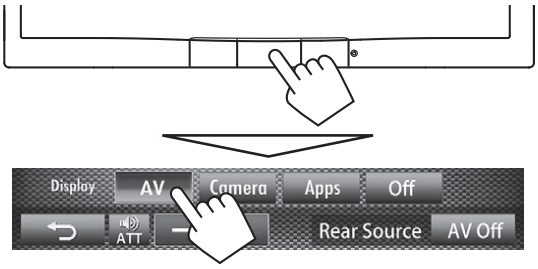


or

On source control screen:



To cancel the screen of App



PANDORA® internet radio operations (only for KW-AV70BT)

ENGLISH

Preparation

Install the latest version of the PANDORA® application on your iPhone.

- Select "**Pandora**" as the source. (☞ page 12)
- You can operate PANDORA using the remote controller (for KW-AV70BT: separately purchased). Only playing, pausing, and skipping are available.

Station name/Playing time

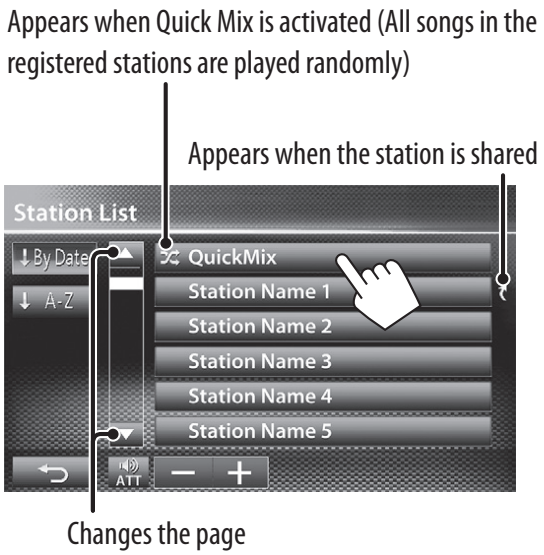
Playback status (►: play/❚❚: pause)

Song information
- Touching an information bar scrolls the text if not all of the text is shown.

The picture data is displayed if available from the current content.

[🔍]	Displays the Station List. (☞ page 35)
[👍]	Registers the current song as favorite.
[👎]	Thumbs down to the current song and skips to the next song.
[👤+]	Bookmarks the artist.
[♪+]	Bookmarks the current song.
[►/❚❚]	Starts/pauses playback.
[►►I]	Skips the current song. • Not available when the PANDORA skip reaches its limit.
[ATT] [–] [+]	Adjusts the volume.
[**AV MENU**]	Displays <**AV Menu**> screen.

Selecting station from the Station List



To sort the Station List

[By Date]	Sorts the list in reverse chronological order.
[A—Z]	Sorts the list in alphabetical order. • The letter selection screen appears. Select a letter, and the stations with the selected letter as their initial come to the top.

About Pandora® internet radio

The requirements for listening to Pandora are as follows:

- Use an Apple iPhone or iPod touch running under iOS3 or later.
- Search for "Pandora" in the Apple iTunes App Store to find and install the most current version of the Pandora® application on your device.
- In the application on your device, log in and create an account with Pandora. (If you are not already a registered user, an account can also be created at <www.pandora.com>)
- Internet connection by 3G, EDGE, or WiFi.
- Pandora® is available only in the U.S.
- Because Pandora® is a third-party service, the specifications are subject to change without prior notice. Accordingly, compatibility may be impaired or some or all of the services may become unavailable.
- Some functions of Pandora® cannot be operated from this unit.
- For issues using the application, please contact Pandora at <pandora-support@pandora.com>

Using other external components

To select the method to display the source control screen, ☞ page 11.
- The operation buttons disappear when no operation is done for about 10 seconds.
- To change settings for video playback, ☞ page 46.

AV-IN name (☞ below)

[ATT] [–] [+] Adjusts the volume.

[**Mode**] Changes the AV-IN name.
- Press [◄] or [►] to select an AV-IN name.

[**AV MENU**] Displays <**AV Menu**> screen.

AV-IN

You can connect an external component to the LINE IN/ VIDEO IN jacks. (☞ Installation/Connection Manual)

Preparation:

Select <**AV-IN**> for <**AV Input**> setting. (☞ page 50)
- <**AV Input**> setting can be changed only when <**Input**> setting in <**Navigation Input**> is set to <**Off**>.

1 Select "AV-IN" as the source. (☞ page 12)

2 Turn on the connected component and start playing the source.

Listening to the SiriusXM™ Radio (only for KW-AV70BT)

Before operating, connect the SiriusXM tuner (not supplied) to the expansion port on the rear of the unit. (☞ Installation/Connection Manual)

Everything worth listening to is on SiriusXM, getting over 130 channels, including the most commercial-free music, plus the best sports, news, talk and entertainment. To start listening to the SiriusXM™ Satellite Radio, A SiriusXM Vehicle Tuner (separately purchased) and Subscription are required. For more information, visits www.siriusxm.com.

Activating subscription

1 To listen to SiriusXM Satellite Radio, a subscription is required. Activate the SiriusXM Vehicle Tuner using one of the two methods below:

- Online: Go to www.siriusxm.com/activatenow
- Phone: Call 1-866-635-2349

2 Check your Radio ID.

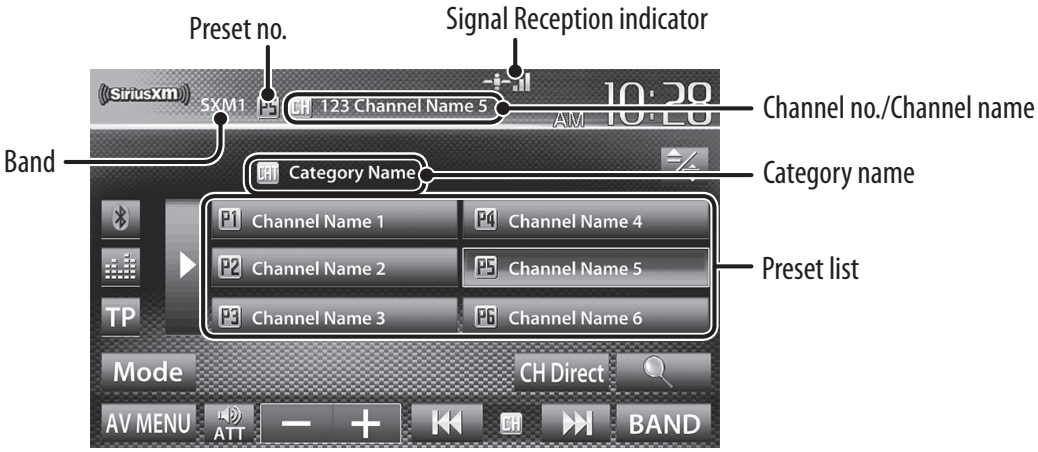
Radio ID is labeled on the casing of the SiriusXM Tuner or the bottom of the Sirius XM Tuner unit.

- You can also display the Radio ID on the screen by tuning in to Channel 0.
  - – To hide the ID display, select any channel other than "0."

3 Select "Satellite" as the source. (☞ page 12)

SiriusXM Tuner starts updating all the SiriusXM channels.

Tuning in to a channel



[**P1**] – [**P6**]
- Tunes in the preset channel. (Press)
- Presets the currently tuned channel. (Hold)

[►] Displays/hides the information of the current channel. (☞ page 38)

[🔍] Displays the Category/Channel List. (☞ page 38)

[**CH Direct**] Displays direct channel selecting screen. (☞ page 38)

[**BAND**] Selects the band.
➔SXM1➔SXM2➔SXM3➔SXM4

[I◄◄] [►►I]
- Selects a channel. (Press)
- Changes the channel rapidly. (Hold)
  - – While searching, invalid and unsubscribed channels are skipped.

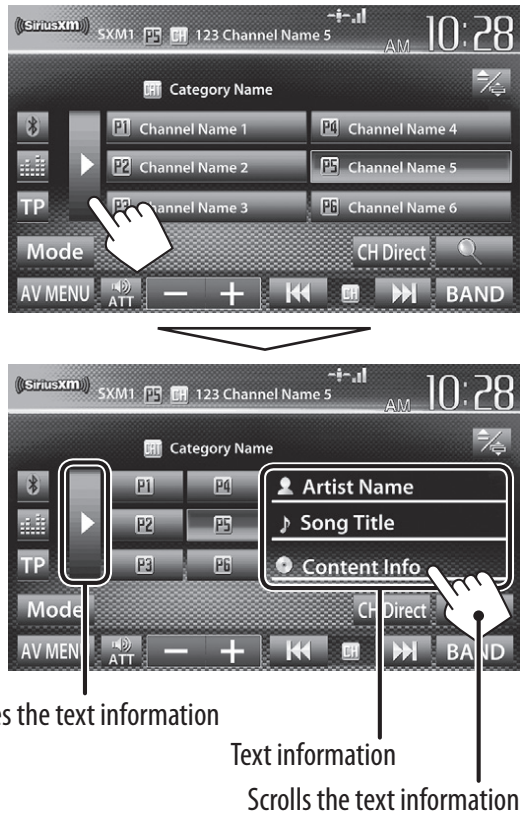
[ATT] [–] [+] Adjusts the volume.

[**Mode**] Changes the settings of the reception restrictions. (☞ page 39)

[**AV MENU**] Displays <**AV Menu**> screen.

ENGLISH

Displaying the information of the current channel



Storing channels in memory

You can preset six channels for each band.

1 Tune in to a channel you want to preset.
(☞ page 37)

2 Select a preset number.

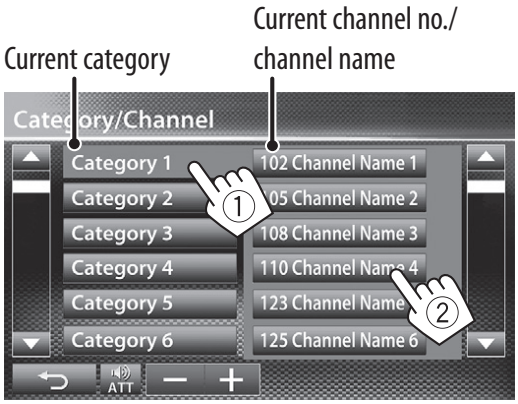
The channel selected in step **1** is stored.

Selecting a preset channel

Selecting a channel on the list

1

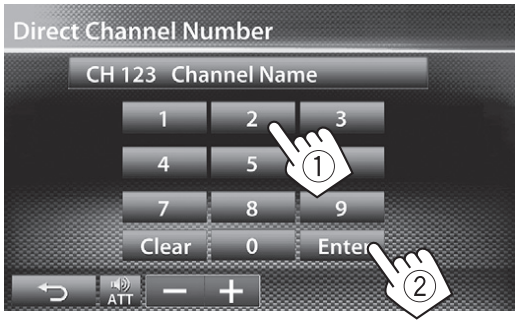
2 Select a category (①), then a channel (②) from the selected category.



Selecting a channel directly

1

2 Enter the desired channel no. (①), then confirm (②).



- To clear the entry, press [**Clear**].

Setting the reception restrictions

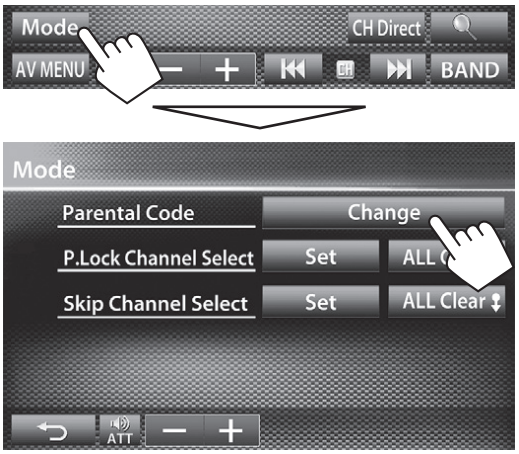
Setting the parental lock

You can set the parental lock in order to, for example, restrict children from receiving adult channels.

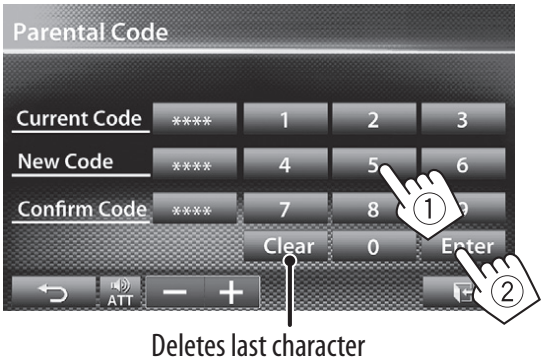
Setting the parental code

- Initial setting is "0000."
- Changing the code does not change the <**P.Lock Channel Select**> and <**Skip Channel Select**> settings.

1 Display <Parental Code> screen.



2 Enter the new code number to <New Code> input box (①), then confirm the entry (②).



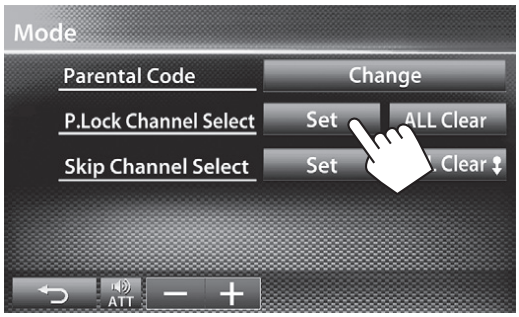
Deletes last character

3 Repeat the above procedure to enter the same code to <Confirm Code> input box.

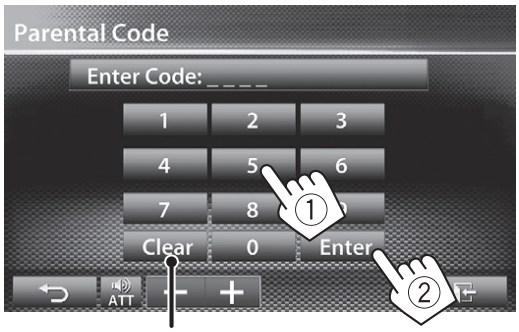
- **To change the parental code,** press [**Change**] on step **1**, enter current code, then new code on step **2** above.
- **To initialize the parental code registration,** press [**Clear**] for <**Parental Code**> on <**Mode**> screen.

Activating the parental lock

1 On <**Mode**> screen:

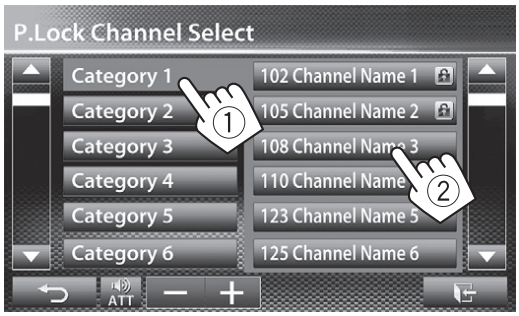


2 Enter your parental code number (①), then confirm the entry (②).



Deletes last character

3 Select the category (①), then the channel you want to activate the parental lock for (②).



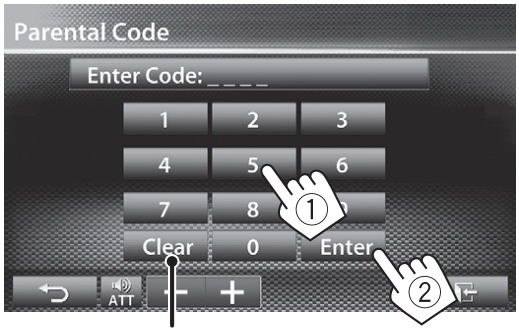
The icon appears beside the channel with the parental lock activated.

- **To cancel the selection,** select the locked channel again in Step **3**. The icon disappears and the selection is canceled.
- When you try to receive a channel with the parental lock activated, the parental code input screen appears and you cannot receive the channel until you enter the correct code.

To clear parental lock for all locked channel

1 On <**Mode**> screen:

2 Enter your parental code number (①), then confirm the entry (②).



Deletes last character

Skipping the unwanted channels

If you do not want to receive some channels, you can skip them.

Setting the channel skipping

1 Activate the channel skip.

On <**Mode**> screen:

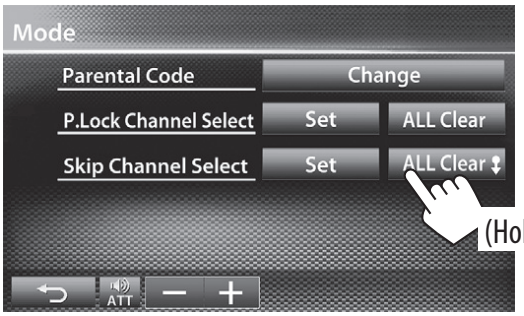
2 Select the category (①), then the channel you want to skip (②)

The icon appears beside the selected channels.

- Repeat this step if you want to skip more channels.

To clear the channel skipping for all skipped channels

On <**Mode**> screen:

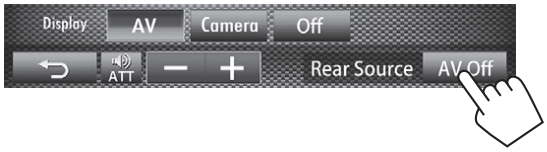


Rear source operations

You can enjoy the rear source playback on the external monitor connected to the VIDEO OUT and 2nd AUDIO OUT jacks, while listening to any source.

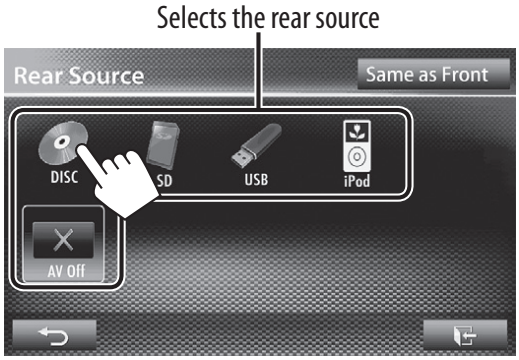
Displaying rear source images on the external monitor

1 On <**AV Menu**> screen:



2 **Select the rear source.**

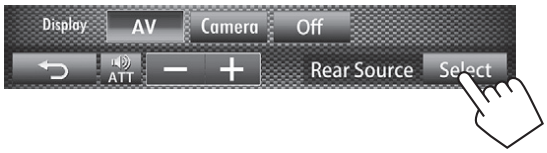
Selects the rear source



- If "**DISC**", "**SD**", "**USB**", or "**iPod**" is selected as the front source, only the buttons of "**AV-IN**", "**AV Off**", and the one selected as the front source can be selected.
- You cannot select "**DISC**", "**SD**", "**USB**", or "**iPod**" as the rear source when you select "**Apps**" or "**Pandora**" as the front source.

While activating rear source...

- To view a front source image on the rear monitor, press [**Same as Front**].
  – To select a source other than the front source as the rear source, press [**Select**] on <**AV Menu**> screen.



- When you press [**Same as Front**] while listening to music, the track list appears.
- If the selected source is other than "**DISC**", "**SD**", "**USB**", or "**iPod**" or "**AV-IN**", nothing appears on the rear monitor.

Operations on the external monitor (from the remote controller only)*

Selecting a folder or track on the control screen

For DivX/MPEG1/MPEG2/JPEG/MP3/WMA/WAV/CD/iPod

- DivX/MPEG1/MPEG2/JPEG: While playback is stopped.
- CD/iPod: Skip step 1.

1 Press ◁/▷ to select "Folder" column or "Track" column.

2 Press △/▽ to select a Folder or Track.

Using the list screen

For DivX/MPEG1/MPEG2/JPEG/MP3/WMA/WAV

While playback is stopped.

1 Press TOP M or MENU to display the list screen.

2 Press △/▽ / ◁/▷ to select a folder/track on the list.
- To go back to the folder list, press RETURN.

3 Press ENT to confirm the selection.

* *For KW-AV70BT: Purchase RM-RK252P separately.*

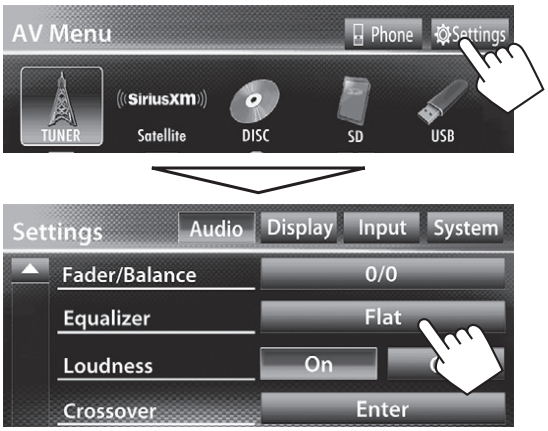
Sound adjustment

Using the sound equalization

- The adjustment is memorized for each source until you adjust the sound again. If the source is a disc, the adjustment is stored for each of the following categories.
  – DVD/DVD-VR/ VCD
  – CD
  – DivX/MPEG1/MPEG2/MP3/WMA/WAV
- You cannot adjust the sound when the AV source is turned off.

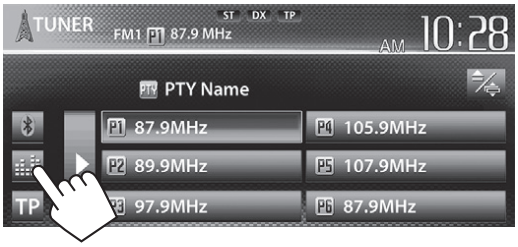
Selecting a preset sound mode

1 On <**AV Menu**> screen:

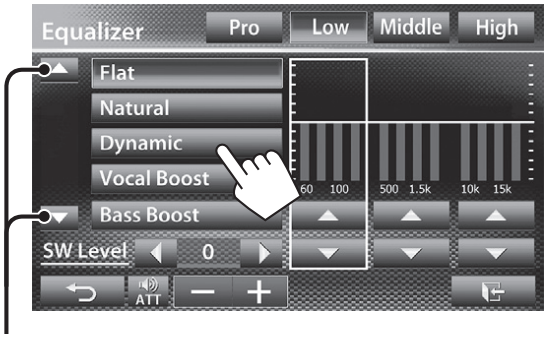


or

On the source control screen:



2 **Select a sound mode.**



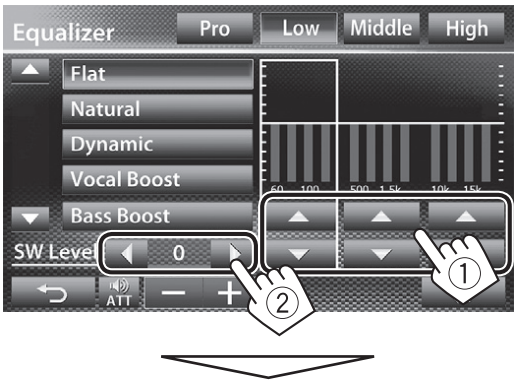
Changes the page

Storing your own adjustment

Customizing preset sound mode

1 **Select a sound mode.** (☞ "Selecting a preset sound mode")

2 **Adjust the level of each band (①), then select the subwoofer level (②).**

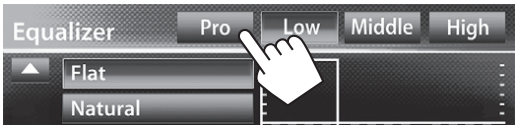


The adjustments are stored and <**User**> is activated.

- To finish the procedure, press [ ].
- To make precise adjustments, ☞ page 43.

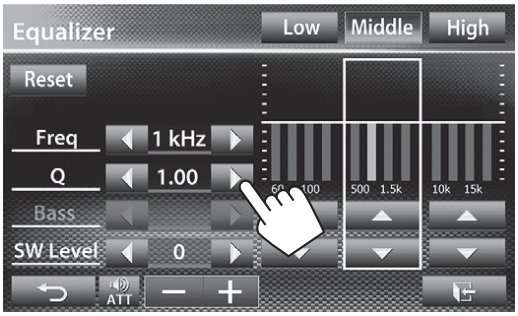
Adjusting the sound precisely

1 Perform steps 1 and 2 of "Selecting a preset sound mode," then...



2 Select a band.

3 Adjust the sound.



Reset	Changes level of Low/Mid/High to 0.
Freq	Selects frequency.
Q	Adjusts the width of the frequency.*1
Bass	Activates/deactivates bass.*2
SW Level	Adjusts subwoofer level.

The adjustments are overwritten if <**User**> setting has been made (☞ page 42), and <**User**> is activated.

- The adjustments are memorized until you adjust sound again.
- To make adjustment for other bands, repeat steps **2** and **3**.

*1 *Fixed for "High" band.*

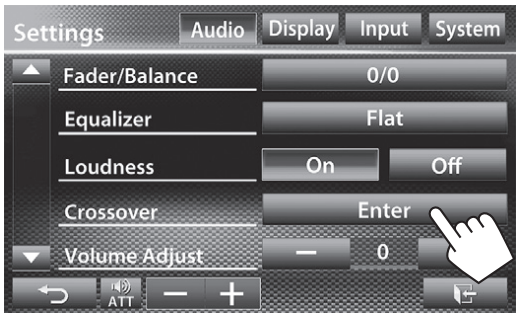
*2 *Only for "Low" band.*

Adjusting the crossover frequency

ENGLISH

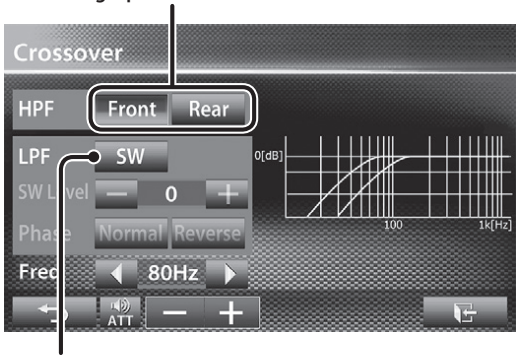
1 On <**AV Menu**> screen:

2

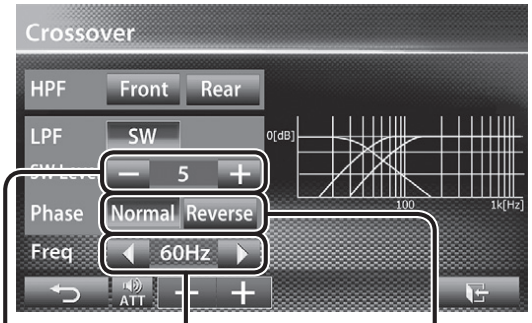


3 Select the item to adjust, then make adjustments.

Adjusts the crossover for front or rear speakers (high pass filter).



Adjusts the crossover for subwoofer (low pass filter).



Adjusts the crossover frequency.

Selects the phase for the subwoofer.*

Adjusts the subwoofer level.

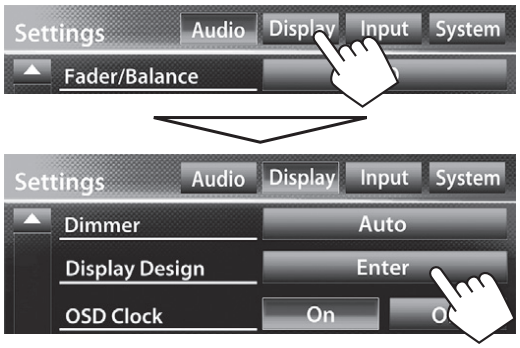
* *Not selectable when* <**Freq**> *is set to* <**Through**>.

Changing display design

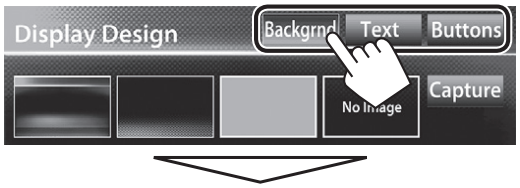
You can change the background, the color of text and touch panel buttons.

1 On <**AV Menu**> screen:

2



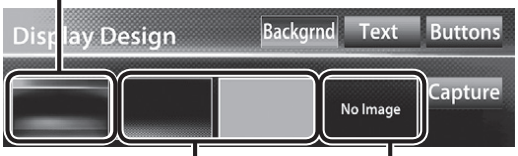
3 Select an item (<Backgrnd>, <Text> or <Buttons>), then change the setting.



Background

① Select a background

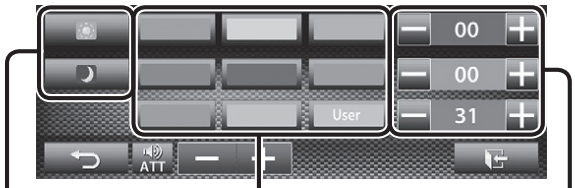
Basic image (default)



You can select a color on the color palette or adjust the color on the user color adjuster (☞ the right column)

For setting your favorite scene as the background, ☞ page 45

② Select/adjust the color



Color palette

Dimmer setting: You can make selections for each dimmer setting—<☽> (Dimmer On) or <☼> (Dimmer Off)

User color adjuster: You can make your own color adjustment and store it to <**User**>

Text/Buttons

Select/adjust the color. (For details, ☞ above.)

- On the button color selecting screen, you can select a color for touch panel buttons.

Using your favorite scene as the background

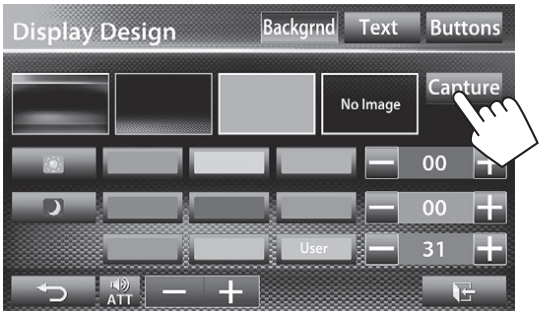
While playing a video or JPEG, you can capture an image and use the captured image as a background.

- You cannot capture copyrighted content and image from iPod/iPhone.
- When using a JPEG file as the background, make sure that the resolution is 800 x 600 pixels.
- The color of the captured image may look different from that of the actual scene.

1 Play back a video or JPEG.

2 Display <Display Design> screen.
(☞ page 44)

3



4 Adjust the image.

[▶/❚❚]*1 Starts/pauses playback.

[❚❚▶]*1 Advances scenes frame-by-frame.

[▶] Magnifies the scene. (<**Full**>, <**Zoom1**> – <**Zoom3**>)

[▲] [▼] [◀] [▶]*2 Moves the zooming frame.

- To cancel the capture, press [⮌].

*1 *Not displayed when playing an external component connected to LINE IN/VIDEO IN jacks.*

*2 *Not displayed when <**Full**> is selected.*

5 Capture the image displayed on the screen.

A confirmation message appears. Press [**Yes**] to store the newly captured image. (The existing image is replaced with the new one.)

- Press [**No**] to return to the previous screen.

ENGLISH

Setting for video playback

You can change the setting for video playback.

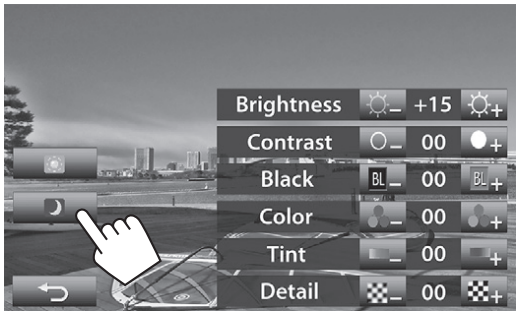
Adjusting the picture

You can adjust the picture quality.

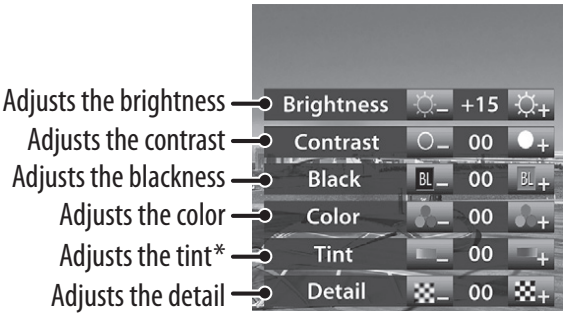
1 Touch any position of the screen other than operation buttons.

2

3 Select Dimmer On (<>) or Off (<>).



4 Adjust the picture (–15 to +15).



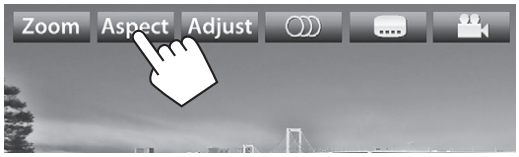
* *Adjustable only when the incoming signal is NTSC.*

Changing the aspect ratio

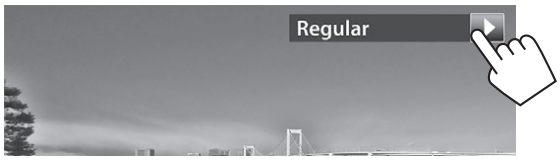
You can change the aspect ratio for video playback.

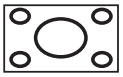
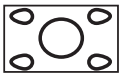
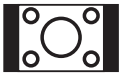
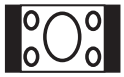
1 Touch any position of the screen other than operation buttons.

2



3



	4:3 signal	16:9 signal
Full*: For 16:9 original pictures		
Panorama: For viewing 4:3 pictures naturally on the wide screen		
Regular*: For 4:3 original pictures		
Auto:	• For "**DISC**"/"**SD**"/"**USB**" only: Aspect ratio is automatically selected to match to the incoming signals.	

* *While DivX is played back with <**Monitor Type**> set to <**16:9**> (☞ page 23), the aspect ratio is not set correctly.*

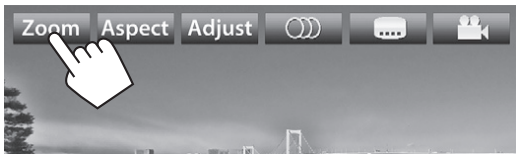
Zooming the picture

You can zoom the picture (<**Full**>, <**Zoom1**> to <**Zoom3**>).

- When <**Aspect**> is set to <**Panorama**> or <**Auto**> (☞ the left column), the picture is zoomed with the aspect ratio of the <**Full**> setting.

1 Touch any position of the screen other than operation buttons.

2



3

[▲] [▼] [◄] [►]* : Moves the zooming frame.

* *Not displayed when <**Full**> is selected.*

- Zooming function cannot be used for some video sources.

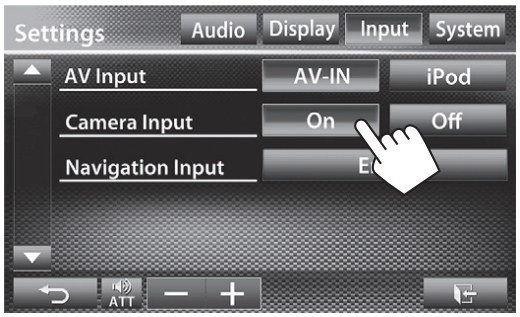
Using a rear view camera

- To use a rear view camera, the REVERSE GEAR SIGNAL lead connection is required. For connecting a rear view camera, ☞ Installation/Connection Manual.

Activating the rear view camera

1 On <**AV Menu**> screen:

2



To deactivate, select <**Off**>.

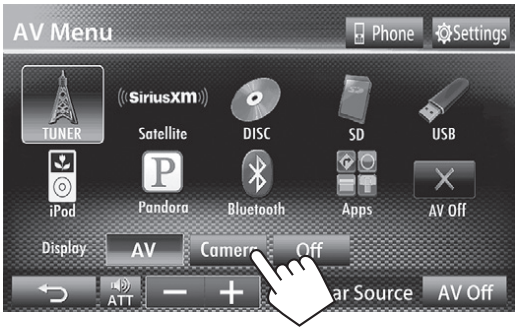
Displaying the picture from the rear view camera

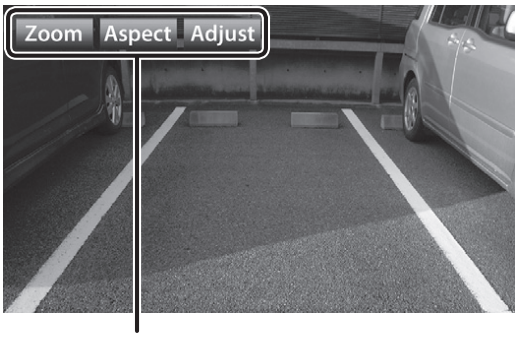
The rear view screen is displayed when you shift the gear to the reverse (R) position.

- For KW-AV70BT: To erase the caution message, touch the screen.

To display the picture from the rear view camera manually

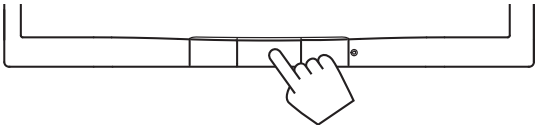
On <**AV Menu**> screen:





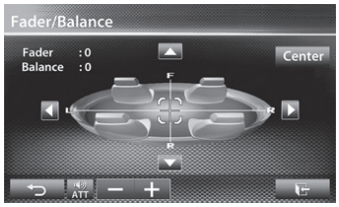
When displaying the picture from the rear view camera manually, you can change the setting of the picture. (☞ page 46)

To cancel the rear view screen



Setting menu items

- When changing settings for <**Amplifier Gain**>, <**AV Input**> and <**Input**> setting in <**Navigation Input**>, turn off the AV source. For other settings, change them when the AV source is turned on.

Menu item		Selectable setting/item — Initial: **Underlined**
Audio	**Fader/Balance** 	**Fader** : Adjust the front and rear speaker output balance. ◆ **F6** to **R6**; Initial **0** • When using a two-speaker system, set the fader to the center (**0**). **Balance** : Adjust the left and right speaker output balance. ◆ **L6** to **R6**; Initial **0** Press [▲/▼/◄/►] or drag [⊕] to adjust. • To clear the adjustment, press [**Center**].
	Equalizer	Change the sound mode or adjust and store the equalization for each source. (☞ page 42) ◆ **Flat/Natural/Dynamic/Vocal Boost/Bass Boost/Vibrant/User**
	Loudness	You can activate/deactivate loudness. ◆ **On** : Boost low and high frequencies to produce a well-balanced sound at a low volume level. ◆ **Off** : Cancels.
	Crossover	Adjust the crossover frequency. (☞ page 43)
	Volume Adjust	Adjust and store the auto-adjustment volume level for each source. (For discs, the adjustment is stored for each of the following categories: DVD/DVD-VR, VCD/CD, and DivX/MPEG1/MPEG2/MP3/WMA/WAV.) The volume level will automatically increase or decrease when you change the source. ◆ **–15** to **+6**; Initial **0**
	Amplifier Gain*	◆ **On** : Activates the built-in amplifier. ◆ **Off** : Deactivates the built-in amplifier.
	Speaker Select	Select the size of the connected speaker. ◆ **Standard/Narrow/Middle/Wide**

* *To change the setting, turn off the AV source by pressing [**AV Off**] on <**AV Menu**> screen beforehand.*

Menu item		Selectable setting/item — Initial: **Underlined**
Display	**Dimmer**	◆ **Auto** : Dims the screen and button illumination when you turn on the headlights. • The ILLUMI lead connection is required. (☞ Installation/Connection Manual) ◆ **On** : Activates dimmer. ◆ **Off** : Cancels. ◆ **Dimmer Time Set** : Sets the Dimmer On ( )/Off ( ) times. • Press [▲] or [▼] to set the time.
	Display Design	Change the display design (background, text color and touch panel button color). (☞ page 44)
	OSD Clock	◆ **On** : Displays the clock while a video source is played back. ◆ **Off** : Cancels.
	Demonstration	◆ **On** : Activates the demonstration on the screen. ◆ **Off** : Cancels.
	Scroll	◆ **Auto** : Repeats scrolling. ◆ **Once** : Scrolls the displayed information once. ◆ **Off** : Cancels. • Touching an information bar scrolls the text regardless of this setting.
	GUI Adjust	Adjust the brightness and blackness of the screen. Press [**Enter**] to display the setting screen, select Dimmer On ( )/Off ( ), then change the following settings: ◆ **Brightness** : Adjusts brightness (**–15** to **+15**; Initial **00** for Dimmer On/**+15** for Dimmer Off). ◆ **Black** : Adjusts blackness (**–15** to **+15**; Initial **00**).
	NTSC/PAL	Select the color system of the external monitor. ◆ **NTSC**, **PAL**
	Display Sensor	Change the settings of how to display the buttons, the sensitivity of the motion sensor, and how the screen is changed when no operation is performed for a while. (☞ page 11)
Input	**AV Input***1*2	You can determine the use of LINE IN/VIDEO IN jacks. ◆ **AV-IN***3 : Select to use the external component connected to LINE IN/VIDEO IN jacks or the iPod/iPhone connected by using USB 2.0 cable (☞ pages 28 and 36) ◆ **iPod** : Select to use the iPod/iPhone connected by using JVC KS-U30. (☞ page 28)

*1 *To change the setting, turn off the AV source by pressing [***AV Off***] on <***AV Menu***> screen and select "***AV Off***" as the rear souce beforehand. <***AV Input***> setting can be changed only when <***Input***> setting in <***Navigation Input***> is set to <***Off***>.*

*2 *The initial setting is <***iPod***> for KW-AV70BT, and <***AV-IN***> for KW-AV78BT.*

*3 *When <***AV Input***> is set to <***AV-IN***>, the video from iPod/iPhone is not displayed on the screen.*

Menu item		Selectable setting/item (Initial: **Underlined**)
Input	**Camera Input**	◆ **On** : Displays the picture from the rear view camera when you shift the gear to the reverse (R) position. ◆ **Off** : Cancels.
	Navigation Input	Change the settings for displaying the screen of App from connected iPod touch/iPhone. (☞ page 32) • <**Navigation Mute**> is not used for this unit.
System	**Language**	Select the text language used for on-screen information. ◆ **English/Español/Français/Deutsch/Italiano/Nederlands/Svenska/Dansk/Русский/Português** • "Please Power Off" appears when the setting is changed. Turn off the power, then turn on to enable the change. ◆ **GUI Language** : Select a language (<**English**> or <**Local**>: the language selected above) used for displaying operation buttons and menu items.
	Time Set	Adjust the clock time. (☞ page 7)
	Beep	◆ **On** : Activates the key-touch tone. ◆ **Off** : Cancels.
	User Profile	You can memorize, recall, or clear the settings you have made. (☞ page 52)
	Touch Panel Adjust	Adjust the touch position of the buttons on the screen. (☞ page 53)
	Initialize	Initialize all settings you have made. Hold [**Enter**] to initialize the settings. • After initializing the settings, adjust the settings on the <**Initial Settings**> screen. (☞ page 6)
	DivX® VOD Only for KW-AV70BT	This unit has its own Registration Code. Once you have played back a file with which the Registration Code recorded, this unit's Registration Code is overwritten for copyright protection. • Press [**Enter**] to display the information. • To return to the previous screen, press [**OK**].
	System Information	Displays the version information on the software. You can update the software. (☞ page 53)

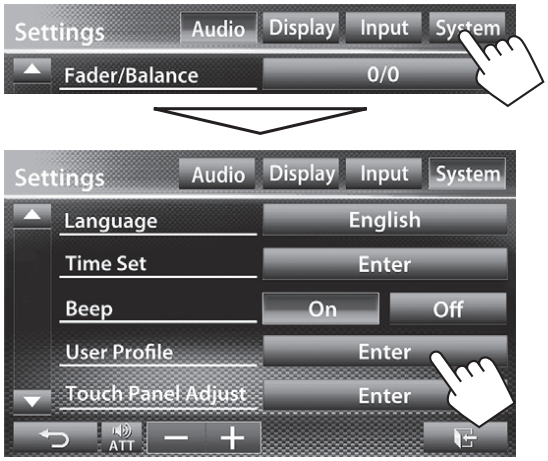
Memorizing/recalling the settings

You can memorize the following settings:

- Settings on <**Settings**> screen: **Fader/Balance**, **Equalizer**, **Loudness**, **Crossover** (HPF/LPF/SW Level settings), **Volume Adjust**, **Speaker Select**, **Dimmer**, **Display Design**, **Display Sensor**, **AV Input**, **Camera Input**, **Navigation**
- Settings for "**AV-IN**": **AV-IN Name**

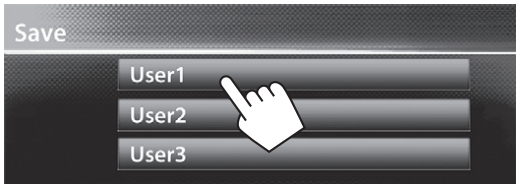
Memorizing your settings

1 On <**Settings**> screen:



2

3 Select an item (<User1>, <User2> or <User3>) to memorize the settings.



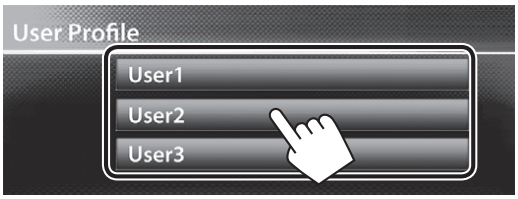
A confirmation message appears. Press [**Yes**].

4 Finish the procedure.

Recalling your settings

- Turn off the AV source by pressing [**AV Off**] on <**AV Menu**> and select "**AV Off**" as the rear source beforehand.

1 On <**User Profile**> screen (☞ step **2** on the left column):



A confirmation message appears. Press [**Yes**].

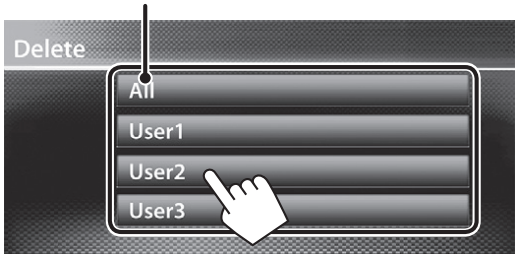
2 Finish the procedure.

Clearing your settings

1 On <**User Profile**> screen (☞ step **2** on the left column):

2

Clears all settings memorized in <**User1**>, <**User2**> and < **User3**>



A confirmation message appears. Press [**Yes**].

3 Finish the procedure.

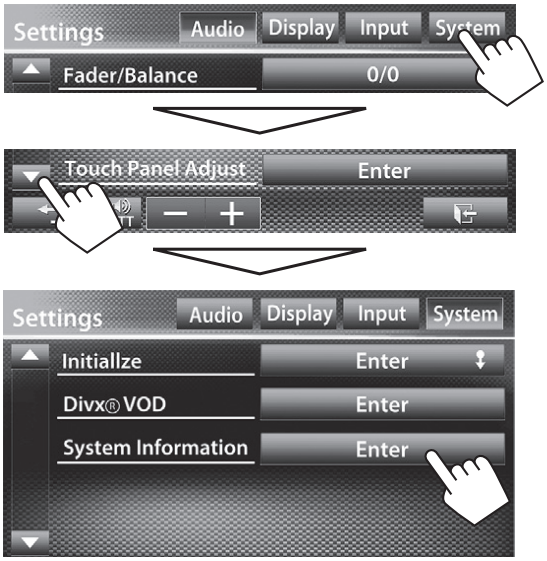
Updating the system

You can update the system by connecting a USB device containing an update file.

1 Create an update file, copy it to a USB device, and connect it to the unit.

- To connect a USB device, ☞ page 26.

2 On <**Settings**> screen:



3

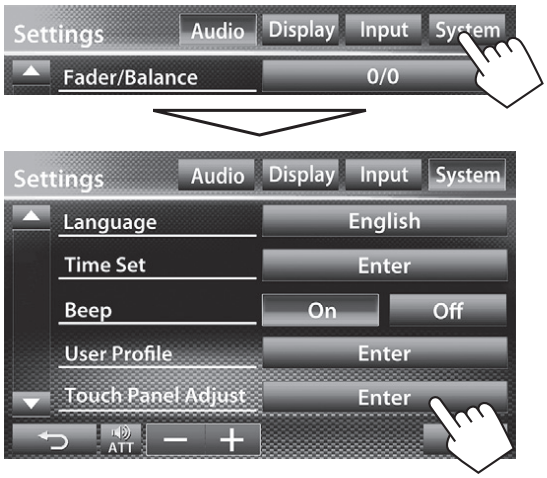
It may take a while.
If the update has been completed successfully, "Update Completed" appears. Reset the unit.

- If the update has failed, turn the power off and then on, and retry the update.
- Even if you have turned off the power during the update, you can restart the update after the power is turned on. The update will be performed from the beginning.

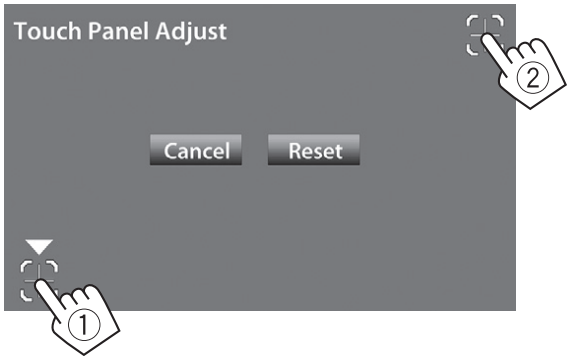
Adjusting the touch position

You can adjust the touch position on the touch panel if the position touched and the operation performed do not match.

1 On <**Settings**> screen:



2 Touch the center of the marks at the lower left and at the upper right as instructed.



- To cancel the current operation, press [**Cancel**].
- To reset to the initial setting, press [**Reset**].

BLUETOOTH OPERATIONS

Information for using Bluetooth® devices

- Some Bluetooth devices may not be connected to this unit depending on the Bluetooth version of the device.
- This unit may not work for some Bluetooth devices.
- Connecting condition may vary depending on circumstances around you.
- For some Bluetooth devices, the device is disconnected when the unit is turned off.

Bluetooth Information: If you wish to receive more information about Bluetooth, visit the following JVC web site: <http://www3.jvckenwood.com/english/car/> (English website only)

Bluetooth operations

Bluetooth® is a short-range wireless radio communication technology for the mobile device such as mobile phones, portable PCs, and other devices. The Bluetooth devices can be connected without cables and communicate with each other.

- Refer to pages i and ii at the end of manual to check the countries where you may use the Bluetooth® function.

Bluetooth profile

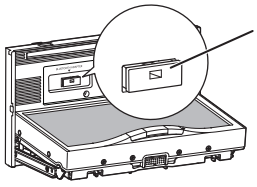
This unit supports the following Bluetooth profiles;

- HFP (Hands-Free Profile) 1.5
- OPP (Object Push Profile) 1.1
- A2DP (Advanced Audio Distribution Profile) 1.2
- AVRCP (Audio/Video Remote Control Profile) 1.3
- PBAP (Phone Book Access Profile) 1.0

Icons for Bluetooth button

- : No device is connected.
- : A Bluetooth audio player is connected.
- : A Bluetooth mobile phone is connected.
- : Both a Bluetooth mobile phone and audio player are connected.

When shipped from the factory, the Bluetooth adapter (KS-UBT1) is attached.



Bluetooth adapter (KS-UBT1)

- Keep the Bluetooth adapter attached when using the Bluetooth function.
- This port is designed for the use with KS-UBT1 only. Other Bluetooth adapters or USB devices cannot be used.

Connecting Bluetooth devices

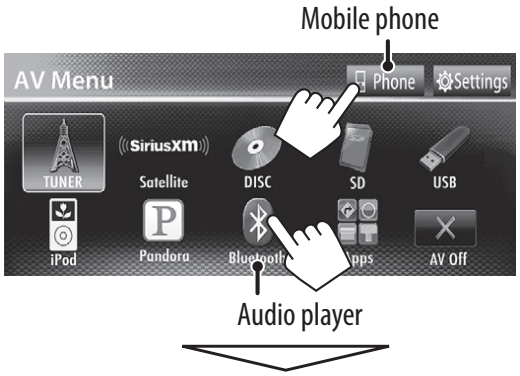
Connecting a new Bluetooth device for the first time

When you connect a Bluetooth device to the unit for the first time, make pairing between the unit and the device. Pairing allows Bluetooth devices to communicate each other.
To make pairing, you may need to enter the PIN (Personal Identification Number) code of your Bluetooth device you want to connect.

- Once the connection is established, it is registered in the unit even if you reset the unit. Up to 5 devices can be registered in total.
- Only one device for Bluetooth phone and one for Bluetooth audio can be connected at a time.
- To use the Bluetooth function, you need to turn on Bluetooth function of the device.

1 Display the Bluetooth setting screen.

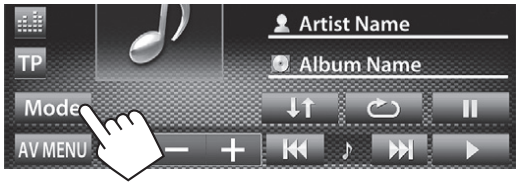
On <**AV Menu**> screen:



For connecting a Bluetooth mobile phone

The phone setting screen is displayed.

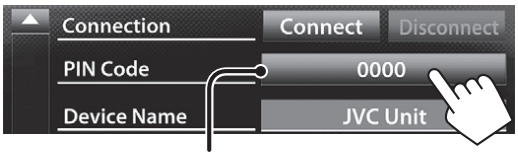
For connecting a Bluetooth audio player



<**Mode**> screen is displayed.

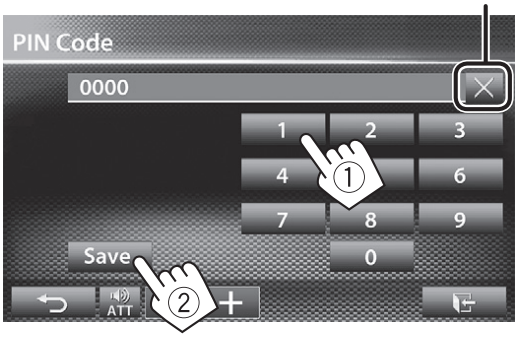
2 Change the PIN code.

- If you skip changing the PIN code, go to step **3**.

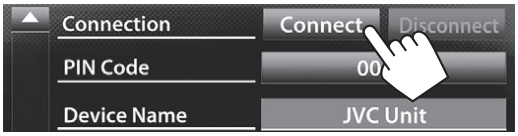


PIN code (initial: 0000)

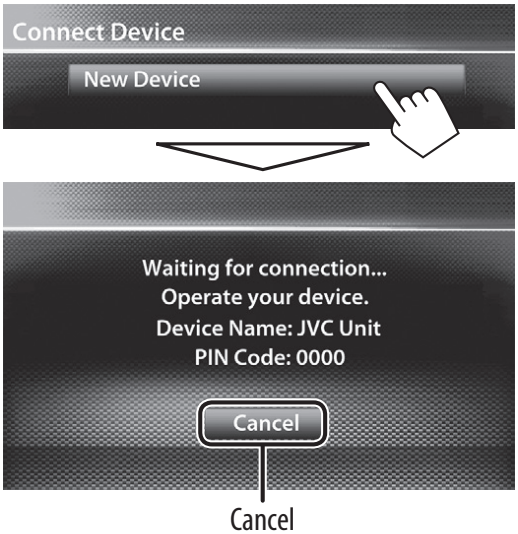
Deletes last character



3



4



Cancel

5 Operate the Bluetooth device to connect.

"Connected" appears. Press [**OK**] to confirm the operation.
Now connection is established and you can use the Bluetooth device through the unit.

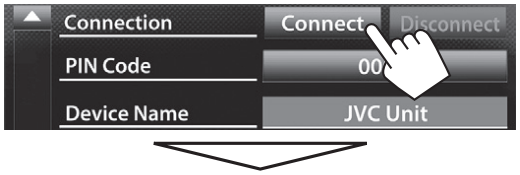
Connecting/disconnecting a registered Bluetooth device

1 Display the Bluetooth setting screen.

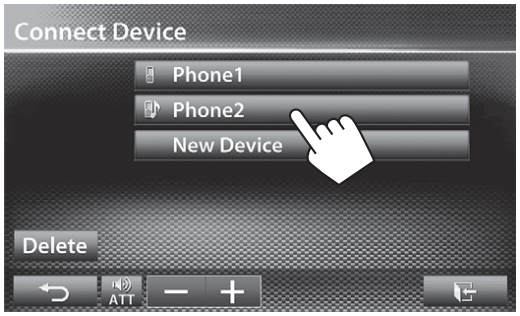
(☞ page 55)

- For Bluetooth mobile phone: Phone setting screen
- For Bluetooth audio player: <**Mode**> screen

2 To connect



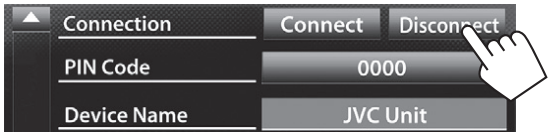
Select the device you want to connect.



"Connected" appears. Press [**OK**] to confirm the operation.

- All registered devices (mobile phone and audio player) are listed on <**Connect Device**>.
  - Selectable items depend on the device you are operating.
- When a mobile phone is connected, holding [ ] on the source control screen switches between the last connected mobile phone and current one.

To disconnect

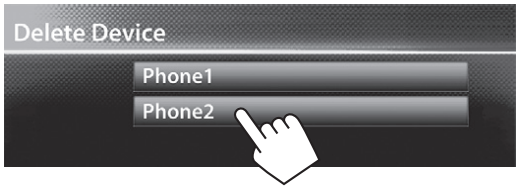


A confirmation message appears. Press [**Yes**].

Deleting a registered Bluetooth device

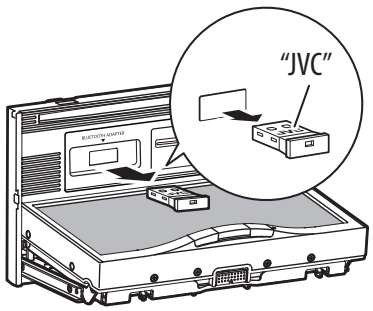
1 On <**Connect Device**> screen (☞ Step **2** on the left column):

2 Select a device to delete the registration.



A confirmation message appears. Press [**Yes**].

To detach the Bluetooth adapter



- Store the Bluetooth adapter in the supplied bag.
- When inserting the Bluetooth adapter again, attach it firmly with the JVC logo facing up.

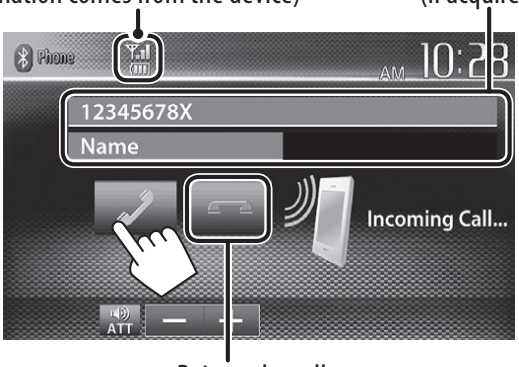
Using the Bluetooth mobile phone

Receiving a call

When a call comes in...

Status of the device/Battery reminder (only when the information comes from the device)

Call information (if acquired)



Rejects the call

- Phone operation is not available while the picture from the rear view camera is displayed. (☞ page 48)

When <Auto Answer> is set to <On>

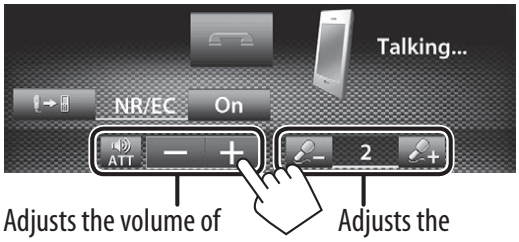
The unit answers the incoming call automatically. (☞ page 63)

Ending a call

While talking...

Adjusting the volume of calls/ earpiece/microphone

While talking...



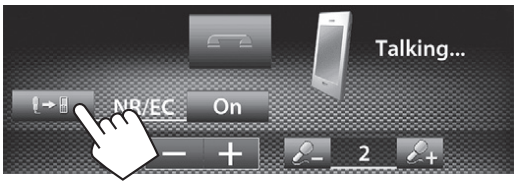
Adjusts the volume of calls/earpiece

Adjusts the microphone volume

- This adjustment does not affect the volume level of the other sources.

Switching between handsfree mode and phone mode

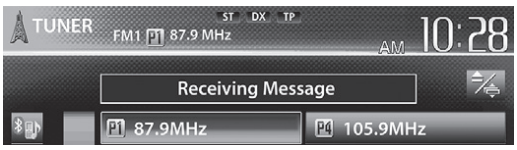
While talking...



Each time you press the button, the talking method is switched (: handsfree mode / : phone mode).

Checking SMS reception

If the mobile phone is compatible with SMS (Short Message Service), the unit tells you a message has been received.



To read a received message, operate the mobile phone after stopping the car in a safe place.

- You cannot read, edit, or send a message through the unit.

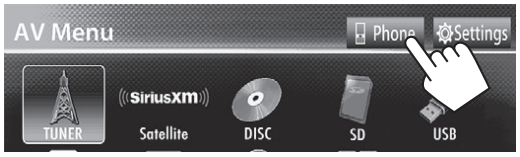
- For some mobile phones, the notification message may not be shown even if the SMS function is supported.

ENGLISH

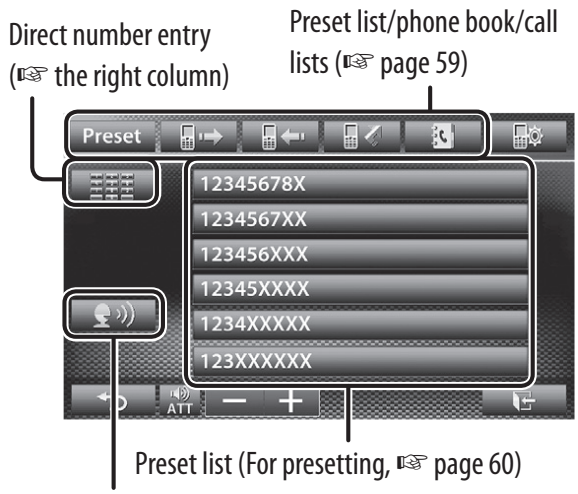
Making a call

1 On the source control screen:

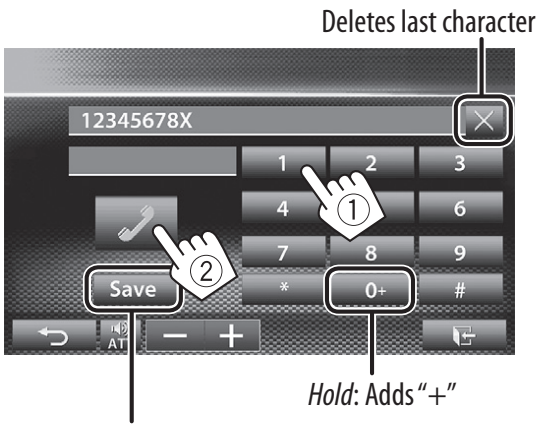
- You can also display the phone control screen by pressing [**Phone**] on <**AV Menu**> screen.



2 Select a method to make a call.



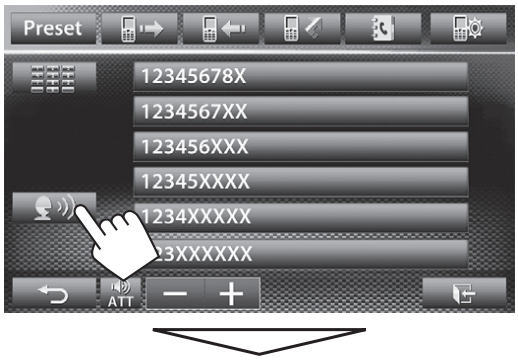
Direct number entry



- You can enter up to 32 numbers.

Voice Dialing

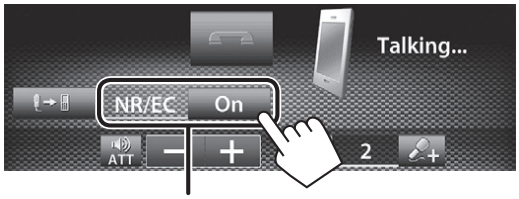
- Available only when the connected mobile phone has the voice recognition system.



To cancel, press [**Cancel**].

To reduce echo/noise while talking

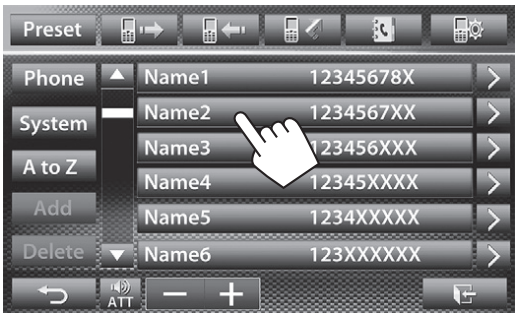
Make sure that NR/EC (Noise reduction/Echo cancel) function is activated on the screen while talking.



Using the preset list/phone book/call lists

1

[Preset]	From preset list
[ ]	From dialled call list.
[ ]	From received call list.
[ ]	From missed call list.
[ ]	From phone book. • For copying the phone book, ☞ page 60.

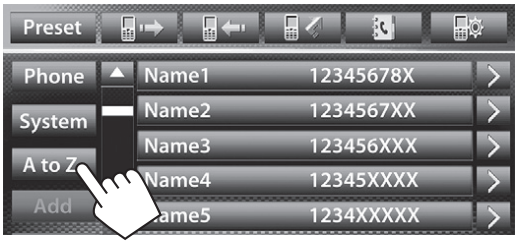


2

To use the A to Z search on phone book

When phone book list screen is displayed, you can search by initial.

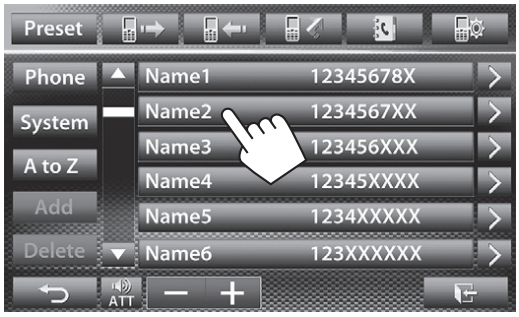
1



2 Select the initial.

Displays the other letters

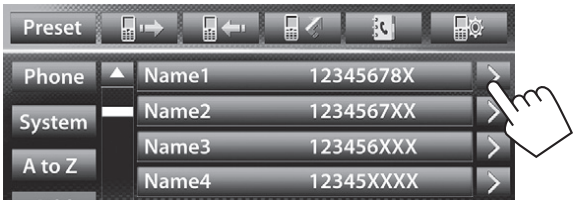
3 Select a phone number from the list.



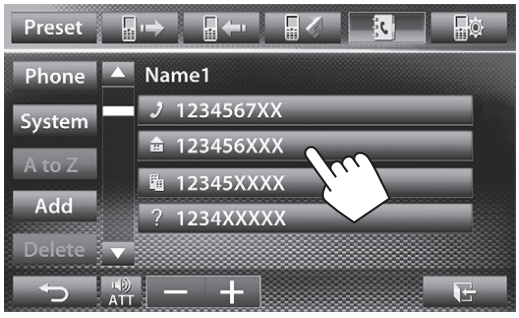
To display the details of an entry

When phone book list screen is displayed, you can display the details of an entry and select a phone number if several phone numbers are registered.

1 Display the details of the desired entry.



2 Select a phone number to call.

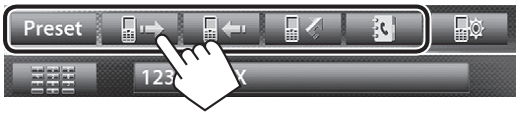


Presetting the phone numbers

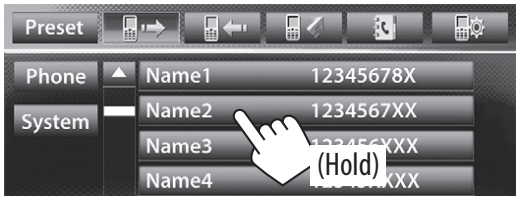
You can preset up to 6 phone numbers.

1 On the source control screen:

2 Select an item from phone book/call lists.



3 Select a phone number.



4 Select a preset number to store.

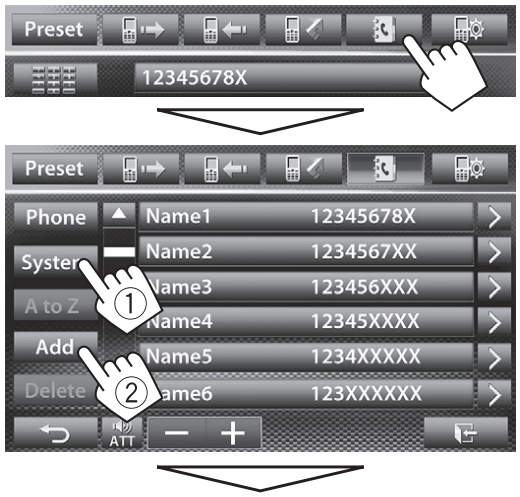
- You can also preset a phone number entered on the direct number entry screen by pressing [**Save**]. (☞ page 58)

Copying the phone book

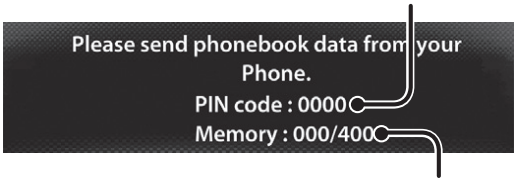
You can copy the phone book memory of a mobile phone into the unit (up to 400 entries).

1 On the source control screen:

2



PIN code (initial: 0000)



Numbers of the phone book entries copied

3 Operate the target mobile phone.

- Refer to the instruction manual supplied with your mobile phone.
- **To cancel the transfer,** press [**Finish**].

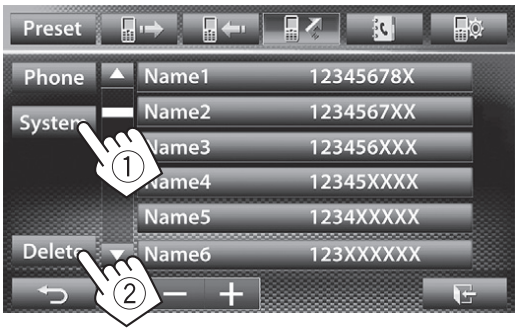
4 Finish the procedure.

The phone book memory is copied from the mobile phone.

Deleting the phone number entries in the unit

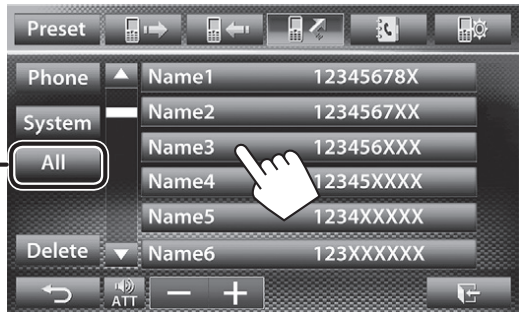
1 Display the preset list/phone book/call list you want to delete. (☞ page 59)

2



- You cannot delete data when <**Phone**> is selected.

3 Select the item you want to delete.



Delete all the numbers/names in the selected list

A confirmation message appears. Press [**Yes**].

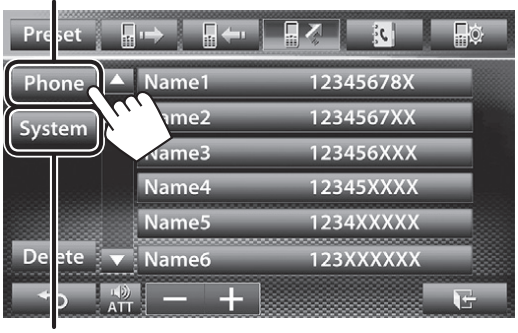
About mobile phones compatible with Phone Book Access Profile (PBAP)

If your mobile phone supports PBAP, the phone book and call lists are automatically copied to the unit when the mobile phone is connected.

- Phone book: up to 5 000 entries
- Dialled calls, received calls, and missed calls: up to 50 entries each

To display the phone book/call lists of the mobile phone or the unit

Connected mobile phone



This unit

ENGLISH

Using the Bluetooth audio player

- To register a new device, ☞ page 55.
- To connect/disconnect a device, ☞ page 56.

- Touching an information bar scrolls the text if not all of the text is shown.
- The operation buttons, indications and information displayed on the screen differ depending on the connected device.

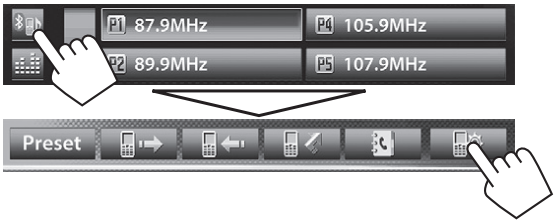
[❚❚]	Pauses playback.
[↻]	Selects Repeat playback mode.*1*2
[⇅]	Selects Random playback mode.*1*2
[►]	Starts playback.
[I◄◄] [►►I]	• Selects track. (Press) • Reverse/forward search. (Hold)
[ATT] [–] [+]	Adjusts the volume.
[**Mode**]	Displays the Bluetooth setting screen. (☞ page 63)
[**AV MENU**]	Displays <**AV Menu**> screen.

*1 *Available only for the devices compatible with AVRCP 1.3.*

*2 *To cancel random and repeat mode, press the button repeatedly until the indicator disappears.*

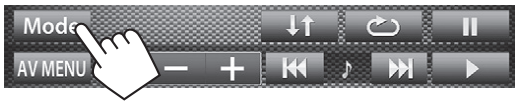
Bluetooth device settings

Mobile phone



Bluetooth audio player

On "**BT Audio**" source control screen:



ENGLISH

Menu items	Selectable setting/item	Initial: **Underlined**
Connection	◆ **Connect** : ☞ page 56 ◆ **Disconnect** : ☞ page 56	
PIN Code	Changes the PIN code of the unit. • Touch the current PIN code, enter a new PIN code, then press [**Save**].	
Device Name	Shows the device name to be shown on the Bluetooth device—JVC Unit.	
Device Address	Shows the MAC address of the unit.	
Phone Device*1	Shows the phone device name.	
Audio Device*2	Shows the audio device name.	
Auto connect	◆ **On** : The connection is automatically established with the last connected Bluetooth device when the unit is turned on. ◆ **Off** : Cancels.	
HF/Audio Output	Select the speakers used for Bluetooth (both phone use and audio player). ◆ **Front** : From front speakers only. ◆ **All** : From all speakers.	
Initialize	Hold [**Enter**] to clear the registration of Bluetooth devices and memory of the preset list and call lists.	
Auto Answer*1	◆ **On** : The unit answers the incoming calls automatically. ◆ **Off** : The unit does not answer the calls automatically. Answer the calls manually.	
SMS Notify*1	◆ **On** : The unit informs you of the arrival of a message by ringing and displaying "Receiving Message." ◆ **Off** : The unit does not inform you of the arrival of a message.	
Ring Mode*1	◆ **System** : Selects the ring tone set on the unit. ◆ **Phone** : Selects the ring tone set on the mobile phone. (This function may not work depending on the mobile phone.)	
Ring Tone Change*1	When <**Ring Mode**> is set to <**System**>, press [**Enter**], then select the ring tone for received calls and SMS from <**Tone1**>, <**Tone2**>, <**Tone3**>. ◆ **Call Tone** : Selects the ring tone for phone calls. ◆ **Message Tone** : Selects the ring tone for SMS.	

*1 *Appears only for the phone setting screen.*

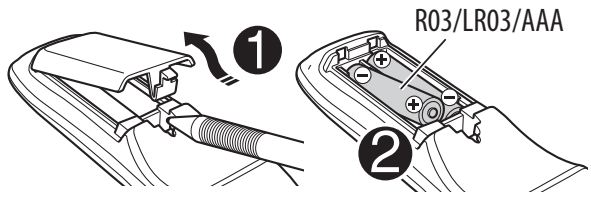
*2 *Appears only for* <**Mode**> *screen while "***BT Audio***" is selected as the source.*

REFERENCE

Using the remote controller

For KW-AV70BT: To use the remote controller, purchase RM-RK252P separately.

Installing the batteries



Insert the batteries into the remote controller by matching the polarity (+ and –) correctly.

Caution:

- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
- Battery shall not be exposed to excessive heat such as sunshine, fire, or the like.

If the effectiveness of the remote controller decreases, replace the batteries.

Before using the remote controller:

- Aim the remote controller directly at the remote sensor on the unit.
- DO NOT expose the remote sensor to bright light (direct sunlight or artificial lighting).

The unit is equipped with the steering wheel remote control function.

- See the Installation/Connection Manual (separate volume) for connection.
- Operations may differ depending on the types of the steering wheel remote control.

Operations using the remote controller (RM-RK252)

Button	Operations
ATT / ⏻/I	Attenuates/restores the sound.
DISP	Does not function for this unit.
▲ / ▼	• Tuner: Selects the preset stations. • SiriusXM radio *1: Selects a category. • Selects a title/item/folder.

Button	Operations
⏮ ⏭ / ⌄ ⌃	• Tuner: – Searches for stations automatically. – Searches for stations manually. (Hold) • SiriusXM radio*1 : – Selects a channel. – Selects a channel rapidly. (Hold) • Selects track. • Reverse search/forward search. (Hold)
◄◄ / ►►	• Reverse search/forward search. • DVD-Video/DVD-VR/VCD: Slow motion playback (during pause). – DVD-VR/VCD: Reverse slow motion does not work.

Button	Operations
VOL +/VOL –	• Adjusts the volume level. • "2nd VOL" function does not work for this unit.
SOURCE	Selects the source.
▶/❚❚	Starts/pauses*2 playback.
PHONE /	Answers incoming calls.
BAND / ■/	• Selects the bands. • Stops playback. • Ends the call. • Pauses playback of Bluetooth audio.
0 – 9 (☞ page 66)	• Enters a number while holding SHIFT. • "SETUP" function does not work for this unit.
1 – 6	Enters preset station number while holding SHIFT.
ASPECT	Changes the aspect ratio. • To check the current aspect ratio setting, operate on the touch panel. (☞ page 47)
RETURN	Returns to the previous screen.
TOP M (☞ page 66)	• DVD-Video: Shows the disc menu. • DVD-VR: Shows the Original Program screen. • VCD: Resumes PBC playback.
MENU (☞ page 66)	• DVD-Video: Shows the disc menu. • DVD-VR: Shows the Playlist screen. • VCD: Resumes PBC playback.
△/▽/◁/▷	• DVD-Video: Makes selection/ settings. • DivX*1: Skips back or forward by about 5 minutes.

Button	Operations
ENT	Confirms selection.
OSD/✱	Does not function for this unit.
DUAL/#	Does not function for this unit.
SHIFT	Functions with other buttons.
DIRECT/CLR	• Enters direct search mode when pressed with SHIFT button. (☞ page 66) • Erases the misentry when pressed with SHIFT button. • "SURROUND" function does not work for this unit.

*1 *Only for KW-AV70BT .*

*2 *Does not work while listening to Bluetooth audio.*

Searching for an item directly

Tuner frequency

1. Press DIRECT while holding SHIFT to enter the search mode.
2. Press number buttons while holding SHIFT to enter a frequency.
   - To erase a misentry, press CLR (clear) while holding SHIFT.
3. Press ENT to confirm the entry.

DVD-Video/DVD-VR/DivX/MPEG1/MPEG2/JPEG/ MP3/WMA/WAV/VCD/CD

1. Press DIRECT while holding SHIFT to enter the search mode.
   - Each time you press DIRECT, the item to search for changes.
2. Press a number button while holding SHIFT to select a desired item.
   - To erase a misentry, press CLR (clear) while holding SHIFT.
3. Press ENT to confirm the selection.

Various disc operations

Using the disc menu

- **DVD-Video/DVD-VR**

1. For DVD Video, press TOP M or MENU.
   For DVD-VR, press...
   TOP M: To display Original Program
   MENU: To display Playlist
2. Press △/▽/◁/▷ to select an item you want to play.
3. Press ENT to confirm the selection.

- **VCD**

During PBC playback...

1. Press DIRECT while holding SHIFT to enter the search mode.
2. Press a number button while holding SHIFT to select the item you want to play.
3. Press ENT to confirm the selection.

- To return to the previous screen, press RETURN.

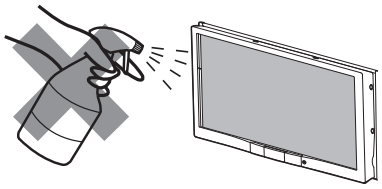
To cancel PBC playback

1. Press ■ to stop PBC playback.
2. Press DIRECT while holding SHIFT.
3. Press a number button while holding SHIFT to select a desired track.
4. Press ENT to confirm the selection.

- To resume PBC, press TOP M or MENU.

Maintenance

Caution on cleaning the unit

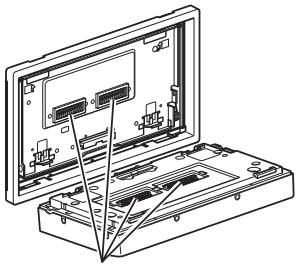


Do not use any solvent (for example, thinner, benzine, etc.), detergent, or insecticide. This may damage the monitor or the unit.

Recommended cleaning method:

Gently wipe the panel with a soft, dry cloth.

How to clean the connector



Connectors

Frequent detachment will deteriorate the connectors. To minimize this possibility, periodically wipe the connectors with a cotton swab or cloth moistened with alcohol, being careful not to damage the connectors.

Moisture condensation

Moisture may condense on the lens inside the unit in the following cases:

- After starting the heater in the car.
- If it becomes very humid inside the car.

Should this occur, the unit may malfunction. In this case, eject the disc and leave the unit turned on for a few hours until the moisture evaporates.

How to handle discs

When removing a disc from its case, press down the center holder of the case and lift the disc out, holding it by the edges.

- Always hold the disc by the edges. Do not touch its recording surface.

When storing a disc in its case, gently insert the disc around the center holder (with the printed surface facing up).

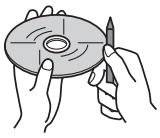
- Make sure to store discs in their cases after use.

To keep discs clean

A dirty disc may not play correctly.
If a disc does become dirty, wipe it with a soft cloth in a straight line from center to edge.

- Do not use any solvents (for example, conventional record cleaner, spray, thinner, benzine, etc.) to clean discs.

To play new discs



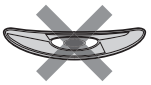
New discs may have some rough spots around the inner and outer edges. If such a disc is used, this unit may reject the disc.

To remove these rough spots, rub the edges with a pencil or ball-point pen, etc.

Do not use the following discs:

3 inch disc

Warped disc

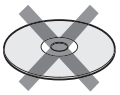


Sticker and sticker residue

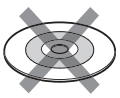
Stick-on label

Unusual shape

C-thru Disc (semi-transparent disc)



Transparent or semi-transparent parts on its recording area



More about this unit

File playback

Playing DivX files (for discs only)

- This unit can play back DivX files with the extension code <.divx>, <.div>, or <.avi> (regardless of the letter case—upper/lower).
- Audio stream should conform to MP3 or Dolby Digital.
- The file encoded in the interlaced scanning mode may not be played back correctly.
- The maximum bit rate for video signals (average) is 4 Mbps.

Playing MPEG1/MPEG2 files

- This unit can play back MPEG1/MPEG2 files with the extension code <.mpg>, <.mpeg>, or <.mod>.
- The stream format should conform to MPEG system/program stream.
  The file format should be MP@ML (Main Profile at Main Level)/SP@ML (Simple Profile at Main Level)/MP@LL (Main Profile at Low Level).
- Audio streams should conform to MPEG1 Audio Layer-2 or Dolby Digital.
- The maximum bit rate for video signals (average) is 4 Mbps.

Playing JPEG files

- This unit can play back JPEG files with the extension code <.jpg>, or <.jpeg>.
- This unit can play back JPEG files that are at 32 x 32 to 8 192 x 7 680 resolution.
  It may take time to display the file depending on its resolution.
- This unit can play back baseline JPEG files.
  Progressive JPEG files or lossless JPEG files cannot be played.

We bear no responsibility for any loss of data in an iPod/iPhone and USB mass storage class device while using this unit.

Playing MP3/WMA/WAV files

- This unit can play back files with the extension code <.mp3>, <.wma>, or <.wav> (regardless of the letter case—upper/lower).
- This unit can play back the files meeting the conditions below:
  – Bit rate:
    MP3/WMA: 32 kbps — 320 kbps
  – Sampling frequency:
    48 kHz, 44.1 kHz, 32 kHz (for MPEG1)
    24 kHz, 22.05 kHz, 16 kHz (for MPEG2)
    48 kHz, 44.1 kHz, 32 kHz, 22.05 kHz (for WMA)
    44.1 kHz (for WAV)
- This unit can show ID3 Tag Version 1.0/1.1/2.2/2.3/2.4 (for MP3).
- This unit can also show WAV/WMA Tag.
- This unit can play back files recorded in VBR (variable bit rate).
- Files recorded in VBR have a discrepancy in elapsed time indication.
- This unit cannot play back the following files:
  – MP3 files encoded with MP3i and MP3 PRO format.
  – MP3 files encoded with Layer 1/2.
  – WMA files encoded with lossless, professional, and voice format.
  – WMA files which are not based upon Windows Media® Audio.
  – WMA files copy-protected with DRM.
- This unit can display the jacket picture meeting the conditions below:
  – Picture size: 32 x 32 to 1 232 x 672 resolution
  – Data size: less than 650 KB.
  – File type: JPEG

Sound signals emitted through the rear terminals

Through the analog terminals (Speaker out/REAR OUT/FRONT OUT)

2-channel signal is emitted. When playing multi-channel encoded disc, multi-channel signals are downmixed.

Language codes (for DVD/DVD-VR/DivX language selection)

Code	Language	Code	Language	Code	Language	Code	Language
AA	Afar	GL	Galician	MI	Maori	SO	Somali
AB	Abkhazian	GN	Guarani	MK	Macedonian	SQ	Albanian
AF	Afrikaans	GU	Gujarati	ML	Malayalam	SR	Serbian
AM	Ameharic	HA	Hausa	MN	Mongolian	SS	Siswati
AR	Arabic	HI	Hindi	MO	Moldavian	ST	Sesotho
AS	Assamese	HR	Croatian	MR	Marathi	SU	Sundanese
AY	Aymara	HU	Hungarian	MS	Malay (MAY)	SW	Swahili
AZ	Azerbaijani	HY	Armenian	MT	Maltese	TA	Tamil
BA	Bashkir	IA	Interlingua	MY	Burmese	TE	Telugu
BE	Byelorussian	IE	Interlingue	NA	Nauru	TG	Tajik
BG	Bulgarian	IK	Inupiak	NE	Nepali	TH	Thai
BH	Bihari	IN	Indonesian	NO	Norwegian	TI	Tigrinya
BI	Bislama	IS	Icelandic	OC	Occitan	TK	Turkmen
BN	Bengali, Bangla	IW	Hebrew	OM	(Afan) Oromo	TL	Tagalog
BO	Tibetan	JA	Japanese	OR	Oriya	TN	Setswana
BR	Breton	JI	Yiddish	PA	Panjabi	TO	Tonga
CA	Catalan	JW	Javanese	PL	Polish	TR	Turkish
CO	Corsican	KA	Georgian	PS	Pashto, Pushto	TS	Tsonga
CS	Czech	KK	Kazakh	QU	Quechua	TT	Tatar
CY	Welsh	KL	Greenlandic	RM	Rhaeto-Romance	TW	Twi
DZ	Bhutani	KM	Cambodian	RN	Kirundi	UK	Ukrainian
EL	Greek	KN	Kannada	RO	Rumanian	UR	Urdu
EO	Esperanto	KO	Korean (KOR)	RW	Kinyarwanda	UZ	Uzbek
ET	Estonian	KS	Kashmiri	SA	Sanskrit	VI	Vietnamese
EU	Basque	KU	Kurdish	SD	Sindhi	VO	Volapuk
FA	Persian	KY	Kirghiz	SG	Sangho	WO	Wolof
FI	Finnish	LA	Latin	SH	Serbo-Croatian	XH	Xhosa
FJ	Fiji	LN	Lingala	SI	Singhalese	YO	Yoruba
FO	Faroese	LO	Laothian	SK	Slovak	ZU	Zulu
FY	Frisian	LT	Lithuanian	SL	Slovenian		
GA	Irish	LV	Latvian, Lettish	SM	Samoan		
GD	Scots Gaelic	MG	Malagasy	SN	Shona		

- Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.
- "DVD Logo" is a trademark of DVD Format/Logo Licensing Corporation registered in the US, Japan and other countries.
- Microsoft and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- "Made for iPod," and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod, or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, or iPhone may affect wireless performance. iPhone, iPod, iPod classic, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.
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  ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. This is an official DivX Certified® device that plays DivX video. Visit divx.com for more information and software tools to convert your files into DivX videos.
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SAFETY INSTRUCTIONS

Use of the iPhone Navigation App is only permitted if the traffic conditions are suitable and you are absolutely sure that no risk, obstruction or injury will be incurred to you, your passengers or other road users. The requirements of the Road Traffic Regulations must always be followed and may vary by state. The destination must not be entered while the vehicle is in motion.
iPhone Navigation guidance may not be applicable to the current situation because of changes in traffic conditions (e.g. changes in tollroads, principal roads, one-way traffic, or other traffic regulations). In this case, observe the current traffic signs or regulations.

- Traffic signs should be observed carefully while driving using the iPhone Navigation App. iPhone Navigation App is only an aid. Driver must always decide whether or not to heed the information provided. **We do not accept liability for erroneous data provided by the iPhone Navigation App.**
- **Do not operate the unit while driving.**

Troubleshooting

What appears to be trouble is not always serious. Check the following points before calling a service center.

- For operations with the external components, refer also to the instructions supplied with the adapters used for the connections (as well as the instructions supplied with the external components).
- Messages (enclosed in " ") in the tables below are shown in the language selected on <**Language**> (☞ page 51).

If the following messages appear

Message	Remedy/Cause
"No Signal"	• Start the playback on the external component connected to VIDEO IN jack. • Check the cords and connections. • Signal input is too weak.
"MISWIRING Check wiring connection then reset unit" "WARNING Check wiring connection then reset unit"	A speaker cord has shorted or it has come in to contact with the car chassis. Wire or insulate the speaker cord as appropriate, then reset the unit (☞ page 3). See also the Installation/Connection Manual.
"Parking Brake"	No playback picture is shown when the parking brake is not engaged.
"Eject Error" / "Loading Error"	Eject the disc forcibly. (☞ page 3)
"Restricted Device"	Check whether the connected iPod/iPhone is compatible with this unit. (☞ page 28)
"USB Device Error"	• The USB power voltage is abnormal. • Turn off and turn on the unit. • Connect another USB device.
"No BT Dongle"	Bluetooth adapter (KS-UBT1) is removed.
"Connection Error"	The device is registered but the connection has failed. Connect the registered device. (☞ page 56)
"Please Wait..."	The unit is preparing to use the Bluetooth function. If the message does not disappear, turn off and turn on the unit, then connect the device again (or reset the unit).
"No Voice Device"	The connected mobile phone does not have the voice recognition system.
"No Data"	No phone book data is contained in the connected Bluetooth phone.
"Initialize Error"	The unit has failed to initialize the Bluetooth module. Try the operation again.
"Dial Error"	Dialing has failed. Try the operation again.
"Hung Up Error"	The call has not ended yet. Park your car, and use the connected mobile phone to end the call.
"Pick Up Error"	The unit has failed to receive a call.
"Pairing Error"	Pairing between the unit and Bluetooth device has failed. Register the device again. (☞ page 55)

If there seems to be a problem

	Symptom	Remedy/Cause
General	No sound comes out of the speakers.	• Adjust the volume to the optimum level. • Check the cords and connections.
	No picture is displayed on the screen.	Turn on the screen. (☞ page 8)
	The unit does not work at all.	Reset the unit. (☞ page 3)
	<**Display Sensor**> does not work properly.	The display sensor may malfunction when an object exists close to the motion sensor. In this case, select <**High**> for <**Motion Sensitiv.**>. (☞ page 11)
	The remote controller* does not work.	• Deactivate the rear source. (☞ page 41) (While the rear source is activated, the remote controller only functions for operating the DVD/CD player.) • Replace the battery.
	Desired source button ("**AV-IN**"or"**Apps**") is not displayed on <**AV Menu**> screen.	Select appropriate setting for <**AV Input**>. (☞ page 50)
TUNER	SSM automatic presetting does not work.	Store stations manually. (☞ page 15)
	Static noise while listening to the radio.	Connect the antenna firmly.
Disc in general	Disc can be neither recognized nor played back.	Eject the disc forcibly. (☞ page 3)
	Disc cannot be ejected.	Unlock the disc. (☞ page 17)
	• Recordable/Rewritable discs cannot be played back. • Tracks on the Recordable/Rewritable discs cannot be skipped.	• Insert a finalized disc. • Finalize the discs with the component which you used for recording.
	Playback does not start.	The format of files is not supported by the unit.
	No picture appears on the external monitor.	• Connect the video cord correctly. • Select the correct input on the external monitor.
DivX/MPEG1/MPEG2/ JPEG/MP3/WMA/WAV	Disc cannot be played back.	• Record the tracks using a compliant application on the appropriate discs. (☞ page 18) • Add appropriate extension codes to the file names.
	Tracks are not played back as you have intended them to play.	Playback order may differ from the one played back using other players.

* *For KW-AV70BT: Purchase RM-RK252P separately.*

	Symptom	Remedy/Cause
USB/SD	"Now Reading..." keeps flashing on the screen.	Turn off the power and on again.
	While playing a track, sound is sometimes interrupted.	The tracks are not properly copied into the USB device or the SD card. Copy tracks again, and try again.
iPod/iPhone	No sound comes out of the speakers.	• Disconnect the iPod, then connect it again. • Select another source, then reselect "**iPod**".
	The iPod/iPhone does not turn on or does not work.	• Check the connecting cable and its connection. • Update the firmware version. • Charge the battery. • Check whether the iPod control mode is correctly selected. (☞ page 29) • Reset the iPod/iPhone.
	Sound is distorted.	Deactivate the equalizer either on this unit or the iPod/iPhone.
	A lot of noise is generated.	Turn off (uncheck) "VoiceOver" of the iPod. For details, visit <http://www.apple.com>.
	No operations are available when playing back a track containing Artwork.	Operate the unit after the Artwork is loaded. (☞ page 30)
	Sound does not synchronize with the video.	Select <**iPod**> for <**AV Input**>. (☞ page 50)
	• Videos cannot be played. • No sound of videos come out.	• Connect with USB Audio and Video cable JVC KS-U30. Other cables cannot be used. • Select <**iPod**> for <**AV Input**>. (☞ page 50)
AV-IN	No picture appears on the screen.	• Turn on the video component if it is not on. • Connect the video component correctly.

	Symptom	Remedy/Cause
SiriusXM™ radio (only for KW-AV70BT)	"No Signal" appears on the screen.	Make sure the SiriusXM radio antenna is mounted outside the vehicle. Move vehicle to an area with a clear view of the sky.
	"Check Antenna" appears on the screen.	• Check the SiriusXM radio antenna connection and make sure it is firmly attached to the tuner. • Check the SiriusXM radio antenna cable to see whether it is bent or broken. If the antenna cable is damaged, replace it.
	"Check Tuner" appears on the screen.	The communication is disconnected or an error occurs. Wait for a while.
	"Chan Unavailable" appears on the screen for about 2 seconds, then returns to the previous channel.	Selected channel is no longer available or is unauthorized. Select another channel or continue listening to the previous channel.
	"Ch Unsubscribed" appears on the screen.	Selected channel is not part of your current subscription plan. Call 1-866-635-2349 to subscribe.
	"Subscription Updated" appears on the screen.	Your subscription is updated. Press the appropriate button to continue.
	"Channel Locked" appears on the screen.	The selected channel has been locked by the parental controls, or a mature channel has been selected. Enter unlock code after you are asked. (☞ page 40)

	Symptom	Remedy/Cause
Bluetooth	Phone sound quality is poor.	• Reduce the distance between the unit and the Bluetooth mobile phone. • Move the car to place where you can get a better signal reception.
	The sound is interrupted or skipped while using a Bluetooth audio player.	• Reduce the distance between the unit and the Bluetooth audio player. • Disconnect the device connected for Bluetooth phone. • Turn off, then turn on the unit. • (When the sound is not yet restored) connect the player again.
	The connected audio player cannot be controlled.	Check whether the connected audio player supports AVRCP (Audio Video Remote Control Profile).
	Bluetooth device does not detect the unit.	• Check whether the Bluetooth adapter (KS-UBT1) is inserted correctly. • Search from the Bluetooth device again. • When "Waiting for connection..." appears on the screen, press [**Cancel**] then connect a Bluetooth device.
	The unit does not make pairing with the Bluetooth device.	Enter the same PIN code for both the unit and target device. If the PIN code of the device is not indicated on its instructions, try "0000" or "1234."
	Echo or noise occurs.	• Adjust the microphone unit position. • Make sure that NR/EC (Noise reduction/Echo cancel) function is activated. (☞ page 58)
	The unit does not respond when you try to copy the phone book to the unit.	You may have tried to copy the same entries (as stored) to the unit.

Specifications

AMPLIFIER	**Power Output**	**20 W RMS × 4 Channels at 4 Ω and ≤ 1% THD+N**		
	Signal-to-Noise Ratio	80 dBA (reference: 1 W into 4 Ω)		
	Load Impedance			4 Ω (4 Ω to 8 Ω allowance)
	Equalizer Control Range	Frequencies		Low: 60 Hz, 80 Hz, 100 Hz, 150 Hz Mid: 500 Hz, 1 kHz, 1.5 kHz, 2 kHz High: 10 kHz, 12.5 kHz, 15 kHz, 17.5 kHz
		Level		±10 dB
	Audio Output Level LINE OUT (FRONT/REAR), SUBWOOFER	Line-Out Level/Impedance		4 V/20 kΩ load (full scale)
		Output Impedance		1 kΩ
	Other Terminals	Input		LINE IN, VIDEO IN, CAMERA IN, USB input, MIC IN, Antenna input
		Output		2nd AUDIO OUT
		Others		Expansion port (SXi)*, OE REMOTE
FM/AM TUNER	Frequency Range	FM	with channel interval set to 200 kHz	87.9 MHz to 107.9 MHz
			with channel interval set to 50 kHz	87.5 MHz to 108.0 MHz
		AM		530 kHz to 1 700 kHz
	FM Tuner	Usable Sensitivity		9.3 dBf (0.8 µV/75 Ω)
		50 dB Quieting Sensitivity		16.3 dBf (1.8 µV/75 Ω)
		Alternate Channel Selectivity (400 kHz)		65 dB
		Frequency Response		40 Hz to 15 000 Hz
		Stereo Separation		40 dB
	AM Tuner	Sensitivity/Selectivity		20 µV/40 dB
DVD/CD	Signal Detection System	Non-contact optical pickup (semiconductor laser)		
	Frequency Response	DVD, fs=48 kHz/96 kHz		16 Hz to 22 000 Hz
		VCD/CD		16 Hz to 20 000 Hz
	Dynamic Range			93 dB
	Signal-to-Noise Ratio			95 dB
	Wow and Flutter			Less than measurable limit
	Color System			NTSC/PAL
	Video-Out (composite)			1 Vp-p/75 Ω

* *Only for KW-AV70BT.*

SD	Compatible File System	FAT 32/16/12	
	Capacity	8 Mbytes to 32 Gbytes	
	Data Transfer Rate	Maximum 10 Mbps	
USB	USB Standards	USB 2.0 Full Speed	
	Data Transfer Rate	Full Speed	Maximum 12 Mbps
		Low Speed	Maximum 1.5 Mbps
	Compatible Device	Mass storage class	
	Compatible File System	FAT 32/16/12	
	Max. Current	DC 5 V ⎓ 1 A	
BLUETOOTH	Version	Bluetooth 2.0 certified	
	Output Power	+4 dBm Max. (Power class 2)	
	Service Area	Within 10 m (10.9 yd)	
	Profile	HFP (Hands-Free Profile) 1.5 OPP (Object Push Profile) 1.1 A2DP (Advanced Audio Distribution Profile) 1.2 AVRCP (Audio/Video Remote Control Profile) 1.3 PBAP (Phone Book Access Profile) 1.0	
MONITOR	Screen Size	7 inch wide liquid crystal display	
	Number of Pixel	1 152 000 pixels: 800 (horizontal) × 3 (RGB) × 480 (vertical)	
	Drive Method	TFT (Thin Film Transistor) active matrix format	
	Color System	NTSC/PAL	
	Aspect Ratio	16:9 (wide)	
GENERAL	Power Requirement	Operating Voltage	DC 14.4 V (11 V to 16 V allowance)
	Grounding System		Negative ground
	Allowable Storage Temperature		–10°C to +60°C (14°F to 140°F)
	Allowable Operating Temperature		0°C to +40°C (32°F to 104°F)
	Dimensions (W × H × D)	Installation Size (approx.)	182 mm × 111 mm × 160 mm (7-3/16″ × 4-3/8″ × 6-5/16″)
		Panel Size (approx.)	188 mm × 117 mm × 10 mm (7-7/16″ × 4-5/8″ × 7/16″)
	Mass (approx.)		2.8 kg (6.2 lbs) (including the Trim plate and Sleeve)

Design and specifications are subject to change without notice.

If a kit is necessary for your car, consult your telephone directory for the nearest car audio speciality shop.

JVC

■ The countries where you may use the Bluetooth® function (For KS-UBT1)

- Die Länder, in denen Sie die Bluetooth® Funktion verwenden können
- Pays où vous pouvez utiliser la fonction Bluetooth®
- De landen waar u de Bluetooth®-functie mag gebruiken
- Países en los que se puede utilizar la función Bluetooth®
- Paesi nei quali è possibile utilizzare la funzione Bluetooth®
- Länder där du kan använda Bluetooth®-funktionen
- Lande, hvor du kan bruge Bluetooth®-funktionen
- Land hvor du kan bruke Bluetooth®-funksjonen
- Maat, joissa voi käyttää Bluetooth®-toimintoa
- Países onde pode usar a função Bluetooth®
- Países onde você pode usar a função Bluetooth®
- Οι χώρες όπου μπορείτε να χρησιμοποιήσετε τη λειτουργία Bluetooth®
- Страны, где можно воспользоваться функцией Bluetooth®
- Země, ve kterých můžete využívat funkci Bluetooth®
- Azok az országok, amelyekben használhatjuk a Bluetooth®-funkciót
- Kraje, w których można używać funkcji Bluetooth®
- Države, kjer lahko uporabljate funkcijo Bluetooth®
- Krajiny, v ktorých môžete využívať funkciu Bluetooth®
- Valstis, kur jūs varat izmantot Bluetooth® funkciju
- Šalys, kuriose galite naudotis „Bluetooth®“ funkcija
- Il-pajjiżi fejn tista' tuża l-funzjoni Bluetooth®
- Lönd þar sem hægt er að nota Bluetooth®
- Riigid, kus on võimalik kasutada Bluetooth® funktsiooni
- Bluetooth® fonksiyonunu kullanabileceğiniz ülkeler
- ประเทศที่ท่านสามารถใช้ **Bluetooth®** ฟังก์ชั่น
- Na tíortha inar féidir leat feidhmiú Bluetooth® a úsáid
- Länner an denen der d'Bluetooth® Funktioun benotze kënnt.
- Ở những quốc gia mà bạn có thể sử dụng chức năng Bluetooth®
- Els països on podrà fer servir la funció Bluetooth®
- Zemlje u kojima je dozvoljena upotreba Bluetooth® funkcije.
- Zemlje u kojima možete koristiti Bluetooth® funkciju
- Zemlje u kojima je dopušteno koristiti Bluetooth®.
- Земји каде можете да ја користите функцијата Bluetooth®
- Страните, в които можете да ползвате функцията Bluetooth®
- Țările în care puteți utiliza funcția Bluetooth®
- Die lande waar u die Bluetooth®-funksie kan gebruik
- Amazwe lapho ungasebenzisa khona uhlelo lwe-Bluetooth®
- Ang mga bansa kung saan maaari kang gumamit ng Bluetooth® function
- Negara-negara yang memperbolehkan penggunaan fungsi Bluetooth®
- Negara-negara yang anda boleh menggunakan fungsi Bluetooth®
- वे देश जहाँ आप Bluetooth® कार्य-क्षमता का उपयोग कर सकते हैं
- 您能够使用 Bluetooth® 功能的国家
- 您能夠使用 Bluetooth® 功能的國家
- Bluetooth® 기능을 사용할 수 있는 국가
- الدول التي يمكنك استخدام وظيفة Bluetooth® فيها

Country
Andorra
الإمارات العربية المتحدة
Australia
Österreich
Bosna i Hercegovina
Belgien Belgique
България
Brasil
Canada
Schweiz Suisse
Chile
Κύπρος Kıbrıs
Česká republika
Deutschland
Danmark
Eesti
España
Suomi Finland
France
United Kingdom
Ελλάδα
Hong Kong 香港 香港
Hrvatska
Magyarország
Indonesia

Country
Ireland Éire
India भारत
Ísland
Italia
대한민국
Lichtenstein
Lietuva
Luxemburg Luxembourg Lëtzebuerg
Latvija
Monaco
Crna Gora
Македонија
Malta
Malaysia
Nederland
Norge
New Zealand
Perú
Philippines Pilipinas
Polska
Portugal
República Oriental del Uruguay
România
Srbija
Россия

Country
Sverige
Singapore 新加坡 Singapura
Slovenija
Slovensko
ประเทศไทย
Türkiye
台湾
United States of America
Venezuela
Vietnam Việt Nam
South Africa ENingizimu Afrika Suid-Afrika

Having TROUBLE with operation?
Please reset your unit

Refer to page of How to reset your unit

Still having trouble??

USA ONLY

Call 1-800-252-5722

http://www.jvc.com

We can help you!

JVC

EN, SP, FR

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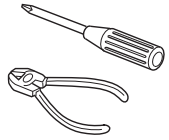
1211EHHMDWJEIN

KW-AV70BT/KW-AV78BT

Installation/Connection Manual
Manual de instalación/conexión
Manuel d'installation/raccordement



LVT2300-002A
[J/JW]

1211EHHMDWJEIN
EN, SP, FR
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ENGLISH

This unit is designed to operate on **12 V DC, NEGATIVE ground electrical systems**. If your vehicle does not have this system, a voltage inverter is required, which can be purchased at JVC car audio dealers.

WARNINGS

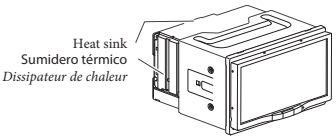
- DO NOT install any unit or wire any cable in a location where;
  – it may obstruct the steering wheel and gearshift lever operations, as this may result in a traffic accident.
  – it may obstruct the operation of safety devices such as air bags, as this may result in a fatal accident.
  – it may obstruct visibility.
- DO NOT operate any unit while manipulating the steering wheel, as this may result in a traffic accident.
- The driver must not watch the monitor while driving. It may lead to carelessness and cause an accident.
- If you need to operate the unit while driving, be sure to look around carefully or you may be involved in a traffic accident.
- If the parking brake is not engaged, "Parking Brake" appears on the monitor, and no playback picture will be shown.
  – This warning appears only when the parking brake lead is connected to the parking brake system built in the car.

To prevent short circuits, we recommend that you disconnect the battery's negative terminal and make all electrical connections before installing the unit.

- **Be sure to ground this unit to the car's chassis again after installation.**
- Be sure any cable is not caught on the car's chassis or under seats.

Notes on electrical connections:

- Replace the fuse with one of the specified rating. If the fuse blows frequently, consult your JVC car audio dealer.
- It is recommended to connect speakers with maximum power of more than 50 W (both at the rear and at the front, with an impedance of **4 Ω** to **8 Ω**).
- To prevent short circuits, cover the terminals of the UNUSED leads with insulating tape.
- The heat sink becomes very hot after use. Be careful not to touch it when removing this unit.
- At the time of installation, be sure to fix all wires (wires both from this unit and from the car itself) in a way that no wires can come into contact with heat sinks on the rear and side of the unit.



ESPAÑOL

Esta unidad está diseñada para funcionar con **12 V de CC, con sistemas eléctricos de masa NEGATIVA**. Si su vehículo no posee este sistema, será necesario un inversor de tensión, que puede ser adquirido en los concesionarios de JVC de equipos de audio para automóviles.

ADVERTENCIAS

- NO instale ningún receptor o tienda ningún cable en una ubicación donde;
  – donde pueda obstruir la maniobra del volante de dirección y del cambio de engranajes, con el consiguiente riesgo de accidentes de tráfico.
  – donde pueda obstruir el funcionamiento de dispositivos de seguridad tales como bolsas de aire, pues podría resultar en un accidente fatal.
  – donde pueda obstruir la visibilidad.
- NO opere la unidad mientras está maniobrando el volante de dirección, pues podría producirse un accidente de tráfico.
- El conductor no debe mirar el monitor mientras conduce. Podría producirse un descuido, y causar un accidente.
- Si necesita operar la unidad mientras conduce, asegúrese de mirar atentamente a su alrededor pues de lo contrario, se podría producir un accidente de tráfico.
- Si el freno de mano no está en uso, aparecerá "Parking Brake (Freno de Mano)" en la pantalla y no se mostrará ninguna secuencia de imagen.
  – Esta advertencia aparece únicamente cuando el cable del freno de estacionamiento se encuentra conectado al sistema del freno de estacionamiento incorporado al automóvil.

Para evitar cortocircuitos, recomendamos que desconecte el terminal negativo de la batería y que efectúe todas las conexiones eléctricas antes de instalar la unidad.

- **Asegúrese de volver a conectar a masa esta unidad al chasis del automóvil después de la instalación.**
- Asegúrese de que ningún cable quede atrapado en el chasis del automóvil o debajo de los asientos.

Notas sobre las conexiones eléctricas:

- Reemplace el fusible por otro del régimen especificado. Si el fusible se funde frecuentemente, consulte con su concesionario de JVC de equipos de audio para automóviles.
- Se recomienda conectar los altavoces con una potencia máxima de más de 50 W (tanto atrás como adelante, con una impedancia de **4 Ω** a **8 Ω**).
- Para evitar cortocircuitos, cubra los cables NO UTILIZADOS con cinta aislante.
- El sumidero térmico estará muy caliente después del uso. Asegúrese de no tocarlo al desmontar esta unidad.
- Al realizar la instalación, asegúrese de fijar todos los cables (tanto los que proceden de esta unidad como los del vehículo en sí) de manera tal que ninguno quede en contacto con los disipadores térmicos de las partes traseras y laterales de la unidad.

FRANÇAIS

Cet appareil est conçu pour fonctionner sur des sources de **courant continu de 12 V à masse NEGATIVE**. *Si votre véhicule n'offre pas ce type d'alimentation, il vous faut un convertisseur de tension, que vous pouvez acheter chez un revendeur d'autoradios JVC.*

AVERTISSEMENTS

- *N'INSTALLEZ aucun appareil ni aucun câble dans un endroit où:*
  – où il peut gêner l'accès au volant ou au levier de vitesse car cela peut entraîner un accident de la circulation.
  – où il peut gêner la manipulation de dispositifs de sécurité tels que les airbags car cela peut entraîner un accident fatal.
  – où il peut gêner la visibilité.
- *NE COMMANDEZ PAS l'appareil lors de la manipulation du volant car cela peut entraîner un accident de la circulation.*
- *Le conducteur ne doit pas regarder le moniteur lorsqu'il conduit. Cela peut lui faire perdre sa concentration et causer un accident.*
- *Si vous souhaitez opérer l'appareil pendant que vous conduisez, assurez-vous de bien regarder autour de vous afin de ne pas causer un accident de la circulation.*
- *Si le frein à main n'est pas engagé, "Parking Brake (Frein à Main)" s'affiche sur le moniteur et aucune image de lecture n'apparaît.*
  – Cet avertissement apparaît uniquement quand le fil du frein de stationnement est connecté au système de frein de stationnement intégré à la voiture.

Pour éviter tout court-circuit, nous vous recommandons de débrancher la borne négative de la batterie et d'effectuer tous les raccordements électriques avant d'installer l'appareil.

- **Assurez-vous de raccorder de nouveau la mise à la masse de cet appareil au châssis de la voiture après l'installation.**
- *Assurez-vous qu'aucun câble n'est coincé sur châssis de la voiture ou sous les sièges.*

Remarques sur les connexions électriques:

- *Remplacer le fusible par un de la valeur précisée. Si le fusible saute souvent, consulter votre revendeur d'autoradios JVC.*
- *Il est recommandé de connecter des enceintes avec une puissance de plus de 50 W (les enceintes arrière et les enceintes avant, avec une impédance comprise entre* **4 Ω** *et* **8 Ω**).
- *Pour éviter les court-circuits, couvrir les bornes des fils qui ne sont PAS UTILISÉS avec de la bande isolante.*
- *Le dissipateur de chaleur devient très chaud après usage. Faire attention de ne pas le toucher en retirant cet appareil.*
- *Au moment de l'installation, assurez-vous de fixer tous les fils (les fils de cet appareil et aussi de la voiture elle-même) de façon qu'aucun fil ne puisse entrer en contact avec les dissipateurs de chaleur situés à l'arrière et sur le côté de l'appareil.*

Parts list for installation and connection

The following parts are provided for this unit.
If anything is missing, contact your dealer immediately.

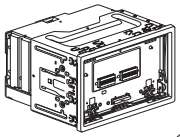
Lista de piezas para instalación y conexión

Con esta unidad se suministran las siguientes piezas.
Si hay algún elemento faltante, póngase inmediatamente en contacto con su concesionario.

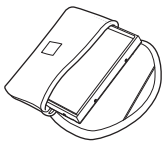
Liste des pièces pour l'installation et raccordement

Les pièces suivantes sont fournies avec cet appareil.
Si quelque chose manquait, contactez votre revendeur immédiatement.

Main unit/Sleeve/Trim plate
Unidad principal/Cubierta/Placa de guarnición
Appareil principal/Manchon/Plaque d'assemblage



Monitor panel and soft case
Panel del monitor y estuche blando
Panneau du moniteur et étui souple



Crimp connector
Conector de sujeción
Raccord à sertir

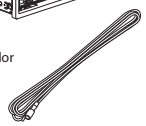
Mounting bolt—M4 x 20 mm/M4 x 13/16"
Perno de montaje—M4 x 20 mm/M4 x 13/16 pulgada
Boulon de montage—M4 x 20 mm/M4 x 13/16 pouces

Washer (ø5)
Arandela (ø5)
Rondelle (ø5)

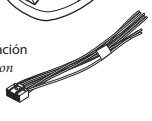
Rubber cushion
Cojín de goma
Amortisseur en caoutchouc

Lock nut (M5)
Tuerca de seguridad (M5)
Ecrou d'arrêt (M5)

Extension lead
Cable prolongador
Fil prolongateur



Power cord
Cordón de alimentación
Cordon d'alimentation



Handles
Manijas
Poignées

Microphone
Micrófono
Microphone

Only for KW-AV78BT / Sólo para KW-AV78BT / Uniquement pour le KW-AV78BT

Remote controller
Control remoto
Télécommande

RM-RK252

Flat head screws (M5 x 8 mm/M5 x 3/8")
Tornillos de cabeza plana (M5 x 8 mm/M5 x 3/8 pulgada)
Vis à tête plate (M5 x 8 mm/M5 x 3/8 pouces)

Round head screws (M5 x 8 mm/M5 x 3/8")
Tornillos de cabeza esférica (M5 x 8 mm/M5 x 3/8 pulgada)
Vis à tête ronde (M5 x 8 mm/M5 x 3/8 pouces)

Use these screws when installing the unit without the supplied sleeve. (See page 2.)
Utilice estos tornillos cuando instale la unidad sin la cubierta suministrada. (Consulte la página 2.)
Utilisez ces vis lors de l'installation de l'appareil sans le manchon fourni. (Voir page 2.)

KS-UBT1

Bluetooth adapter (attached)
Adaptador Bluetooth (insertado)
Adaptateur Bluetooth (inséré)

Bag for storing the adapter
Funda para guardar el adaptador
Sac pour ranger l'adaptateur

INSTALLATION (IN-DASH MOUNTING)

The following illustration shows a typical installation. However, you should make adjustments corresponding to your specific car. If you have any questions or require information regarding installation kits, consult your JVC car audio dealer or a company supplying kits.

- If you are not sure how to install this unit correctly, have it installed by a qualified technician.

Before installing the unit

- Remove the audio system originally installed in the car, together with its mounting brackets. Be sure to keep all the screws and parts removed from your car for future use.
- When mounting the unit, be sure to use the screws provided, as instructed. If other screws are used, parts could become loose or damaged.
- When tightening screws or bolts, be careful not to pinch any connection cord.
- Make sure not to block the fan on the rear to maintain proper ventilation when installing the unit.
- You cannot install the unit on the car which has any obstacles in the space shown in "Required space for installation and the monitor panel ejection" below.

When installing the unit without using the sleeve

- Use flat head screws or round head screws, depending on installation location. When you use flat head screws to install the unit, use the screws removed in step 1 below. When you use screws other than those supplied, use 8 mm (3/8")-long screws. If longer screws are used, they could damage the unit.
- Tighten the screws firmly to prevent the unit from falling off.

INSTALACIÓN (MONTAJE EN EL TABLERO DE INSTRUMENTOS)

La siguiente ilustración muestra una instalación típica. Sin embargo usted deberá efectuar los ajustes correspondientes a su automóvil. Si tiene alguna pregunta o necesita información acerca de las herramientas para instalación, consulte con su concesionario de JVC de equipos de audio para automóviles o a una compañía que suministra tales herramientas.

- Si no está seguro de poder instalar la unidad correctamente, déjela en manos de un técnico cualificado.

Antes de instalar la unidad

- Desmonte el sistema de audio instalado originalmente en el coche, junto con los ménsulas de montaje. Asegúrese de guardar todos los tornillos y piezas quitados de su vehículo para poderlos usar en el futuro.
- Al instalar la unidad, asegúrese de usar los tornillos suministrados, de acuerdo con las instrucciones. El uso de otros tornillos podrá provocar flojedad de o daños a las piezas.
- Al apretar los tornillos o los pernos, asegúrese de que ningún cable de conexión quede pillado.
- Al efectuar la instalación, asegúrese de no bloquear el ventilador del panel trasero a fin de mantener una ventilación correcta.
- No podrá instalar la unidad en un coche en que haya algún obstáculo en el espacio indicado en "Espacio requerido para la instalación y la expulsión del panel del monitor" más abajo.

Instalación de la unidad sin utilizar la cubierta

- Utilice tornillos de cabeza plana o esférica, dependiendo del lugar de instalación. Si decide utilizar tornillos de cabeza plana para instalar la unidad, utilice los extraídos en el paso 1, más abajo. Si decide utilizar tornillos distintos de los suministrados, escoja tornillos de 8 mm (3/8") de largo. El uso de tornillos más largos producir daños a la unidad.
- Apriete los tornillos firmemente para evitar que la unidad se caiga.

INSTALLATION (MONTAGE DANS LE TABLEAU DE BORD)

L'illustration suivante est un exemple d'installation typique. Cependant, vous devez faire les ajustements correspondant à votre voiture. Si vous avez des questions ou avez besoin d'information sur des kits d'installation, consulter votre revendeur d'autoradios JVC ou une compagnie d'approvisionnement.

- *Si vous n'êtes pas sûr de pouvoir installer l'appareil correctement, faite-le installer par un technicien qualifié.*

Avant d'installer l'appareil

- *Retirez le système audio d'origine installé dans la voiture en même temps que les supports de montage. Assurez-vous de conserver toutes les vis et pièces détachées de votre voiture pour une utilisation dans le future.*
- *Lors du montage de l'appareil, assurez-vous d'utiliser les vis fournies, de la façon indiquée. Si vous utilisez d'autres vis, certaines pièces peuvent être perdues ou endommagées.*
- *Lorsque vous serrez des vis ou des boulons, faites attention de ne pas pincer un cordon de connexion.*
- *Assurez-vous de ne pas bloquer le ventilateur sur le panneau arrière lors de l'installation afin de permettre une ventilation correcte.*
- *Vous ne pouvez pas installer l'appareil sur une voiture qui a certains obstacles dans l'espace montré dans "Espace nécessaire pour l'installation et l'éjection du panneau du moniteur" ci-dessous.*

Lors de l'installation de l'appareil scans utiliser de manchon

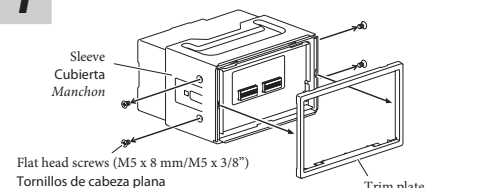
- *Utilisez des vis à tête plate ou des vis à tête ronde, en fonction de l'emplacement de l'installation. Quand vous utilisez des vis à tête plage pour installer l'appareil, utilisez les vis retirées à l'étape 1 ci-dessous. Quand vous utilisez d'autres vis que les vis fournies, utilisez des vis d'une longueur de 8 mm (3/8"). Vous risquez d'endommager l'appareil si vous utilisez des vis plus longues.*
- *Serrez les vis solidement pour éviter que l'appareil tombe.*

1 Detach the trim plate and remove the screws.
2 Detach the sleeve using the handles then slide off the sleeve.
3 Install the sleeve in the dashboard of the car.
4 Do the required electrical connections.
• See pages 3 – 6.
5 Attach the trim plate to the main unit, then install the main unit in to the sleeve.
6 Attach the monitor panel.

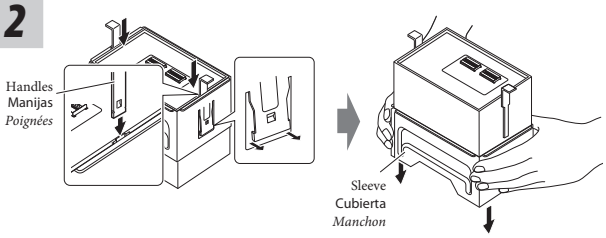
1 Desmonte la placa de guarnición y extraiga los tornillos.
2 Sujetando las asas, desmonte la cubierta deslizándola.
3 Instale la cubierta en el tablero del automóvil.
4 Realice todas las conexiones eléctricas necesarias.
• Consulte las páginas 3 – 6.
5 Fije la placa de guarnición a la unidad principal y, a continuación, instale ésta en la cubierta.
6 Fije el panel del monitor.

1 *Détachez la plaque d'assemblage et retirez les vis.*
2 *Détachez le manchon en utilisant les poignées puis retirez-le.*
3 *Installez le manchon dans le tableau de bord de la voiture.*
4 *Réalisez les connexions électriques.*
• *Voir pages 3 – 6.*
5 *Attachez la plaque de garniture sur l'appareil principale, puis installez l'appareil dans le manchon.*
6 *Attachez le panneau du moniteur.*

1


Sleeve
Cubierta
Manchon
Flat head screws (M5 x 8 mm/M5 x 3/8")
Tornillos de cabeza plana
(M5 x 8 mm/M5 x 3/8 pulgada)
Vis à tête plate (M5 x 8 mm/M5 x 3/8 pouces)
Trim plate
Placa de guarnición
Plaque d'assemblage

2

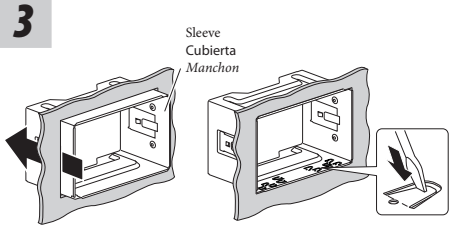


When you stand the unit, be careful not to damage the fuse on the rear.

Al poner la unidad vertical, tenga cuidado de no dañar el fusible provisto en la parte posterior.

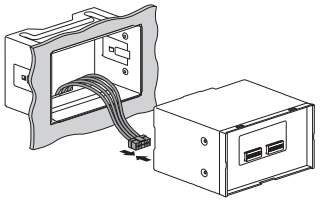
Lorsque vous mettez l'appareil à la verticale, faire attention de ne pas endommager le fusible situé sur l'arrière.

3

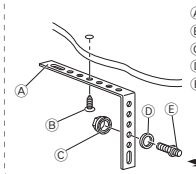


Bend the appropriate tabs to hold the sleeve firmly in place.
Doble las lengüetas apropiadas para retener firmemente la manga en su lugar.
Tordez les languettes appropriées pour maintenir le manchon en place.

4



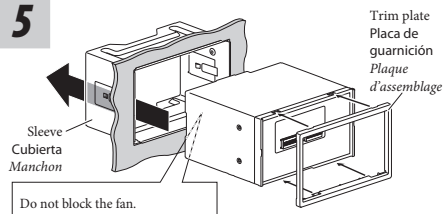
For more stable attachment
Para una fijación más estable
Pour que la fixation soit plus stable



Ⓐ Stay (option) / Soporte (opción) / *Hauban (en option)*
Ⓑ Screw (option) / Tornillo (opción) / *Vis (en option)*
Ⓒ Lock nut / Tuerca de seguridad / *Ecrou d'arrêt*
Ⓓ Washer / Arandela / *Rondelle*
Ⓔ Mounting bolt / Perno de montaje / *Boulon de montage*

To the rear panel
Al panel trasero
Sur le panneau arrière

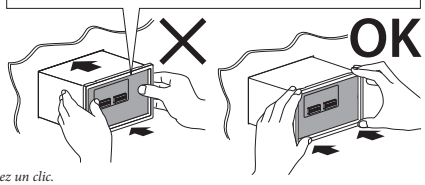
5



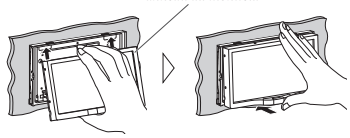
Do not block the fan.
No tape las rejillas de ventilación.
Ne bloquez pas le ventilateur.

Slide the unit in until you hear a clicking sound.
Deslice la unidad hasta escuchar un chasquido.
Faites glisser l'appareil jusqu'à ce que vous entendiez un clic.

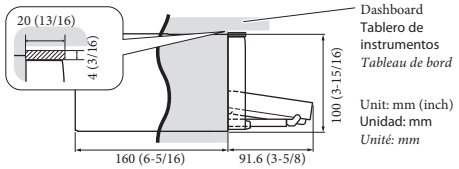
DO NOT press the panel (shaded in the illustration).
NO presione el panel (sombreado en la ilustración).
NE POUSSEZ PAS sur le panneau (en gris sur l'illustration).



6

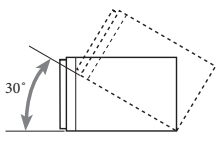


Required space for installation and the monitor panel ejection
Espacio requerido para la instalación y la expulsión del panel del monitor
Espace nécessaire pour l'installation et l'éjection du panneau du moniteur



Unit: mm (inch)
Unidad: mm
Unité: mm

Install the unit at an angle of less than 30°.
Instale la unidad a un ángulo de menos de 30°.
Installez l'appareil avec un angle de moins de 30°.



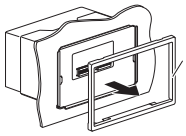
Removing the unit
Before removing the unit, release the rear section.

Extracción de la unidad
Antes de extraer la unidad, libere la sección trasera.

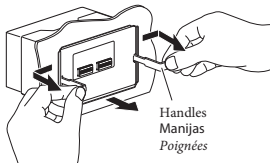
Retrait de l'appareil
Avant de retirer l'appareil, libérer la section arrière.

1 Detach the monitor panel (see page 5 of the INSTRUCTIONS).
Desmonte el panel del monitor (consulte la página 5 del MANUAL DE INSTRUCCIONES).
Détachez le panneau du moniteur (voir la page 5 du MANUEL D'INSTRUCTIONS).

2 Detach the trim plate.
Desmonte la placa de guarnición.
Détachez la plaque d'assemblage.



3 Insert the two handles, then pull them as illustrated so that the unit can be removed.
Inserte las dos manijas y, a continuación, jálelas tal como se muestra en la ilustración para desmontar la unidad.
Insérez les deux poignées, puis tirez de la façon illustrée de façon à retirer l'appareil.



ELECTRICAL CONNECTIONS

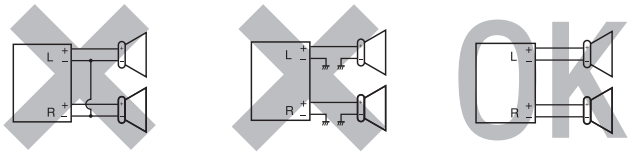
PRECAUTIONS on power supply and speaker connections:
- **DO NOT connect the speaker leads of the power cord to the car battery; otherwise, the unit will be seriously damaged.**
- BEFORE connecting the speaker leads of the power cord to the speakers, check the speaker wiring in your car.

CONEXIONES ELECTRICAS

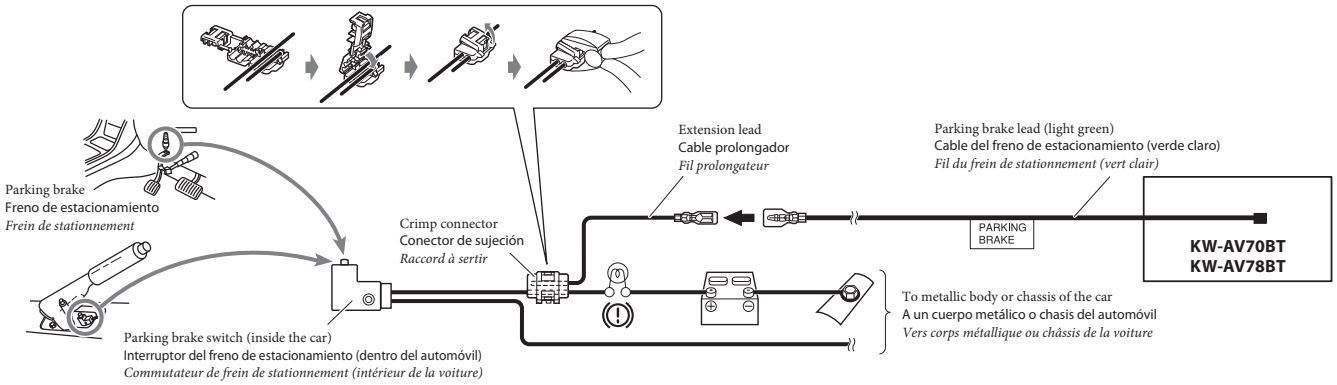
PRECAUCIONES sobre las conexiones de la fuente de alimentación y de los altavoces:
- **NO conecte los conductores de altavoz del cable de alimentación a la batería de automóvil, pues podrían producirse graves daños en la unidad.**
- ANTES de conectar a los altavoces los conductores de altavoz del cable de alimentación, verifique el conexionado de altavoz de su automóvil.

RACCORDEMENTS ELECTRIQUES

PRECAUTIONS sur l'alimentation et la connexion des enceintes:
- **NE CONNECTEZ PAS les fils d'enceintes du cordon d'alimentation à la batterie; sinon, l'appareil serait sérieusement endommagé.**
- *AVANT de connecter les fils d'enceintes du cordon d'alimentation aux enceintes, vérifiez le câblage des enceintes de votre voiture.*



Connecting the parking brake lead / Conexión del cable del freno de estacionamiento / Connexion du fil de frein de stationnement

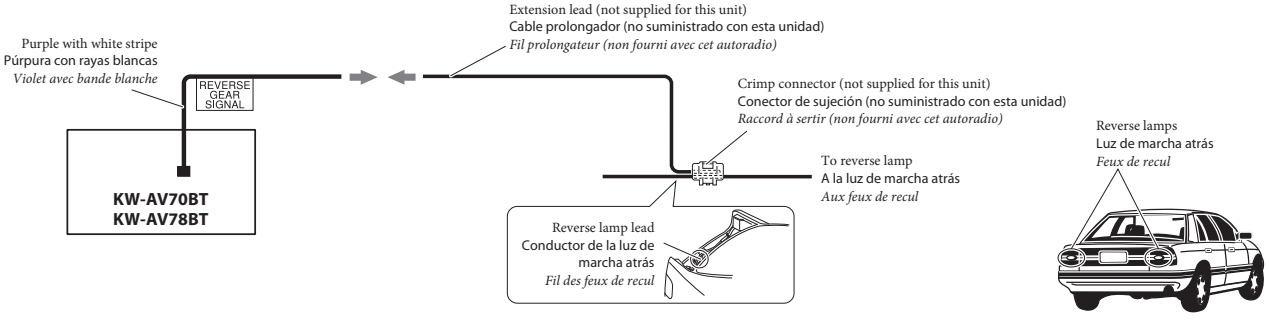

Parking brake
Freno de estacionamiento
Frein de stationnement
Parking brake switch (inside the car)
Interruptor del freno de estacionamiento (dentro del automóvil)
Commutateur de frein de stationnement (intérieur de la voiture)
Crimp connector
Conector de sujeción
Raccord à sertir
Extension lead
Cable prolongador
Fil prolongateur
Parking brake lead (light green)
Cable del freno de estacionamiento (verde claro)
Fil du frein de stationnement (vert clair)
PARKING BRAKE
KW-AV70BT
KW-AV78BT
To metallic body or chassis of the car
A un cuerpo metálico o chasis del automóvil
Vers corps métallique ou châssis de la voiture

Connecting the reverse gear signal lead (for rear view camera) / Conexión del cable de señal del engranaje de marcha atrás (para cámara de retrovisión) / Connexion du fil de signal de marche arrière (pour la caméra de recul)

Locate the reverse lamp lead in the trunk.

Localice el conductor de la luz de marcha atrás en el portaequipajes.

Localisez le fil des feux de recul dans le coffre.


Purple with white stripe
Púrpura con rayas blancas
Violet avec bande blanche
REVERSE GEAR SIGNAL
KW-AV70BT
KW-AV78BT
Extension lead (not supplied for this unit)
Cable prolongador (no suministrado con esta unidad)
Fil prolongateur (non fourni avec cet autoradio)
Crimp connector (not supplied for this unit)
Conector de sujeción (no suministrado con esta unidad)
Raccord à sertir (non fourni avec cet autoradio)
To reverse lamp
A la luz de marcha atrás
Aux feux de recul
Reverse lamp lead
Conductor de la luz de marcha atrás
Fil des feux de recul
Reverse lamps
Luz de marcha atrás
Feux de recul

ENGLISH

Before connecting: Check the wiring in the vehicle carefully. Incorrect connection may cause serious damage to this unit.
The leads of the power cord and those of the connector from the car body may be different in color.

1. Connect the colored leads of the power cord in the order specified in the illustration below.
2. Connect the antenna cord.
3. Finally connect the wiring harness to the unit.

- The terminals and cables of all models are shown in the illustration for the purpose of explanation.

ESPAÑOL

Antes de la conexión: Verifique atentamente el conexionado del vehículo. Una conexión incorrecta podría producir daños graves en la unidad.
Los cordones del cable de alimentación y los del conector procedentes de la carrocería del automóvil podrían ser de diferentes en color.

1. Conecte los conductores de color del cable de alimentación en el orden especificado en la ilustración de abajo.
2. Conecte el cable de antena.
3. Por último, conecte el cable de alimentación a la unidad.

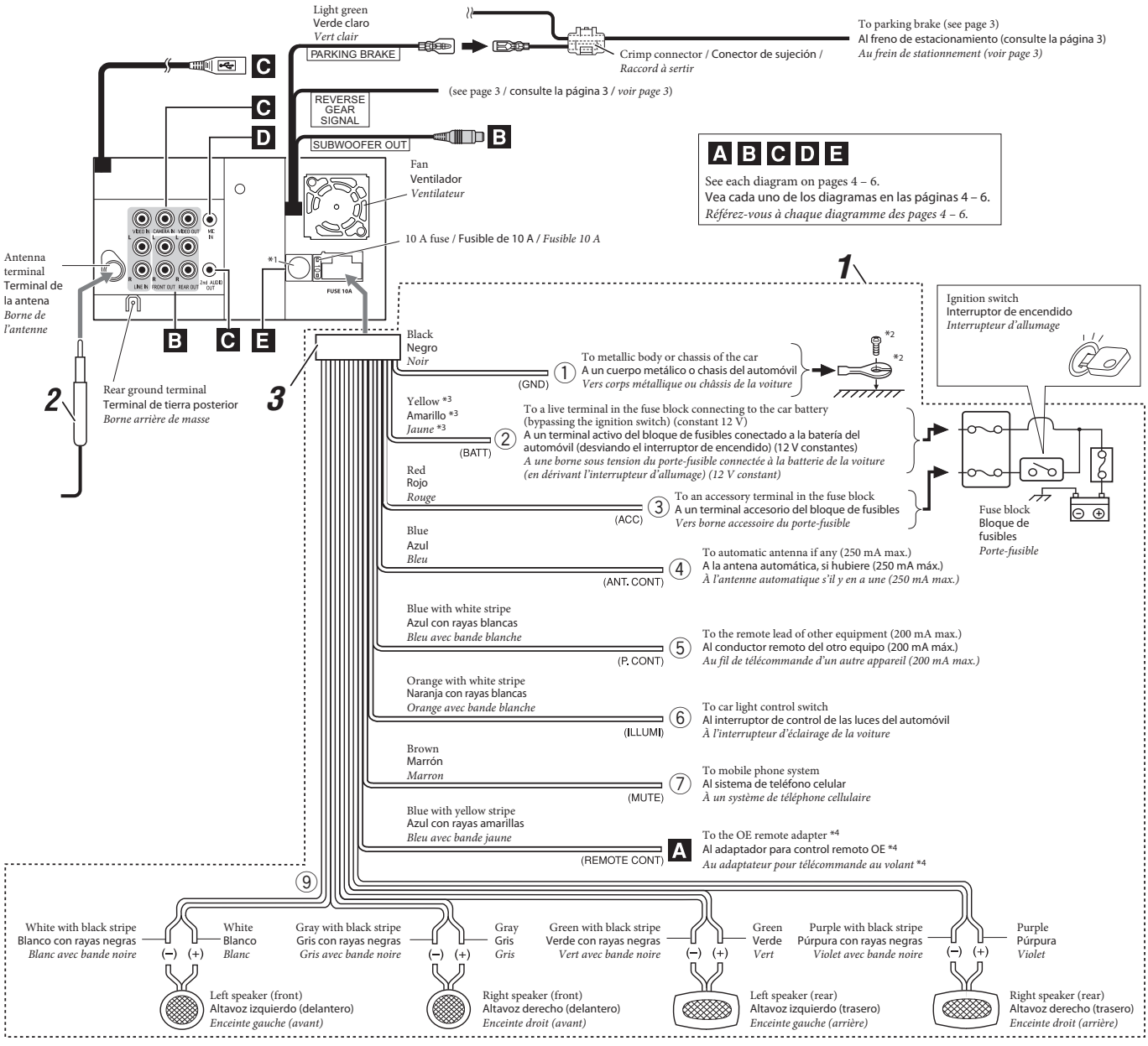
- Los terminales y cables de todos los modelos se muestran en la ilustración con fines explicativos.

FRANÇAIS

Avant de commencer la connexion: *Vérifiez attentivement le câblage du véhicule. Une connexion incorrecte peut endommager sérieusement l'appareil.*
Le fil du cordon d'alimentation et ceux des connecteurs du châssis de la voiture peuvent être différents en couleur.

1. *Connectez les fils colorés du cordon d'alimentation dans l'ordre spécifié sur l'illustration ci-dessous.*
2. *Connectez le cordon d'antenne.*
3. *Finalement, connectez le faisceau de fils à l'appareil.*

- *Les prises et les câbles de tous les modèles sont montrés sur les illustrations dans un but explicatif.*

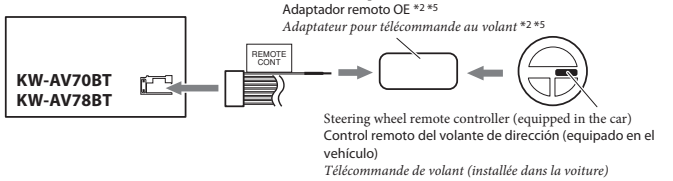

Light green
Verde claro
Vert clair
PARKING BRAKE
Crimp connector / Conector de sujeción / Raccord à sertir
To parking brake (see page 3)
Al freno de estacionamiento (consulte la página 3)
Au frein de stationnement (voir page 3)
(see page 3 / consulte la página 3 / voir page 3)
REVERSE GEAR SIGNAL
SUBWOOFER OUT
Fan
Ventilador
Ventilateur
10 A fuse / Fusible de 10 A / Fusible 10 A
A B C D E
See each diagram on pages 4 – 6.
Vea cada uno de los diagramas en las páginas 4 – 6.
Référez-vous à chaque diagramme des pages 4 – 6.
Antenna terminal
Terminal de la antena
Borne de l'antenne
Rear ground terminal
Terminal de tierra posterior
Borne arrière de masse
Ignition switch
Interruptor de encendido
Interrupteur d'allumage
Black
Negro
Noir
(GND)
To metallic body or chassis of the car
A un cuerpo metálico o chasis del automóvil
Vers corps métallique ou châssis de la voiture
Yellow *3
Amarillo *3
Jaune *3
(BATT)
To a live terminal in the fuse block connecting to the car battery (bypassing the ignition switch) (constant 12 V)
A un terminal activo del bloque de fusibles conectado a la batería del automóvil (desviando el interruptor de encendido) (12 V constantes)
A une borne sous tension du porte-fusible connectée à la batterie de la voiture (en dérivant l'interrupteur d'allumage) (12 V constant)
Red
Rojo
Rouge
(ACC)
To an accessory terminal in the fuse block
A un terminal accesorio del bloque de fusibles
Vers borne accessoire du porte-fusible
Fuse block
Bloque de fusibles
Porte-fusible
Blue
Azul
Bleu
(ANT. CONT)
To automatic antenna if any (250 mA max.)
A la antena automática, si hubiere (250 mA máx.)
À l'antenne automatique s'il y en a une (250 mA max.)
Blue with white stripe
Azul con rayas blancas
Bleu avec bande blanche
(P. CONT)
To the remote lead of other equipment (200 mA max.)
Al conductor remoto del otro equipo (200 mA máx.)
Au fil de télécommande d'un autre appareil (200 mA max.)
Orange with white stripe
Naranja con rayas blancas
Orange avec bande blanche
(ILLUMI)
To car light control switch
Al interruptor de control de las luces del automóvil
À l'interrupteur d'éclairage de la voiture
Brown
Marrón
Marron
(MUTE)
To mobile phone system
Al sistema de teléfono celular
À un système de téléphone cellulaire
Blue with yellow stripe
Azul con rayas amarillas
Bleu avec bande jaune
(REMOTE CONT)
To the OE remote adapter *4
Al adaptador para control remoto OE *4
Au adaptateur pour télécommande au volant *4
White with black stripe
Blanco con rayas negras
Blanc avec bande noire
White
Blanco
Blanc
Gray with black stripe
Gris con rayas negras
Gris avec bande noire
Gray
Gris
Gris
Green with black stripe
Verde con rayas negras
Vert avec bande noire
Green
Verde
Vert
Purple with black stripe
Púrpura con rayas negras
Violet avec bande noire
Purple
Púrpura
Violet
Left speaker (front)
Altavoz izquierdo (delantero)
Enceinte gauche (avant)
Right speaker (front)
Altavoz derecho (delantero)
Enceinte droit (avant)
Left speaker (rear)
Altavoz izquierdo (trasero)
Enceinte gauche (arrière)
Right speaker (rear)
Altavoz derecho (trasero)
Enceinte droit (arrière)

A Connecting to the steering wheel remote controller / Conexión al control remoto del volante de dirección / Connexion de la télécommande de volant

If your car is equipped with the steering wheel remote controller, you can operate this unit using the controller. For connection, an exclusive remote adapter (not supplied) which matches your car is required. For details, consult the same car audio dealer as where the unit is purchased.

Si su vehículo está equipado con control remoto en el volante de dirección, podrá hacer funcionar este receptor utilizando dicho control. Para la conexión, se requiere un adaptador remoto exclusivo (no suministrado) que sea adecuado para su automóvil. Para los detalles, consulte con el concesionario car audio donde compró el receptor.

Si votre voiture est munie d'une télécommande de volant, vous pouvez commander cet autoradio en utilisant la télécommande. Pour la connexion, un adaptateur de télécommande exclusif (non fourni) correspondant à votre voiture est requis. Pour en savoir plus, consultez le revendeur autoradio auprès duquel vous avez acheté cet autoradio.


KW-AV70BT
KW-AV78BT
REMOTE CONT
OE remote adapter *2 *5
Adaptador remoto OE *2 *5
Adaptateur pour télécommande au volant *2 *5
Steering wheel remote controller (equipped in the car)
Control remoto del volante de dirección (equipado en el vehículo)
Télécommande de volant (installée dans la voiture)

*1 Only for KW-AV70BT.
*2 Not supplied for this unit.
*3 Before checking the operation of this unit prior to installation, this lead must be connected, otherwise power cannot be turned on. Do not connect the lead directly to the battery.
*4 Do not connect the lead to any device other than the OE remote adapter. Doing so may cause malfunction.
*5 Alter the wire of the OE remote adapter to connect to the steering wheel remote lead.

*1 Sólo para KW-AV70BT.
*2 No suministrado con esta unidad.
*3 Antes de comprobar el funcionamiento de esta unidad previa a de la instalación, es necesario conectar este cable, de lo contrario no se podrá conectar la alimentación. No conecte el conductor directamente a la batería.
*4 No conecte el cable a ningún otro dispositivo que no sea el adaptador para control remoto OE. De lo contrario podría provocar un mal funcionamiento.
*5 Altere el cableado del adaptador para control remoto OE para conectar al conductor remoto del volante de dirección.

*1 *Uniquement pour le KW-AV70BT.*
*2 *Non fourni avec cet appareil.*
*3 *Pour vérifier le fonctionnement de cet appareil avant installation, ce fil doit être raccordé, sinon l'appareil ne peut pas être mis sous tension. Ne connectez pas le fil directement à la batterie.*
*4 *Ne connectez pas ce fil à aucun autre appareil que l'adaptateur de télécommande au volant. Cela pourrait causer un mauvais fonctionnement.*
*5 *Modifiez le fil de l'adaptateur de télécommande au volant pour le connecté au fil de télécommande de volant.*

B Connecting the external amplifiers and subwoofer / Conexión de los amplificadores y subwoofer / Connexion d'amplificateurs extérieurs et d'un caisson de grave

You can connect an amplifier to upgrade your car stereo system.

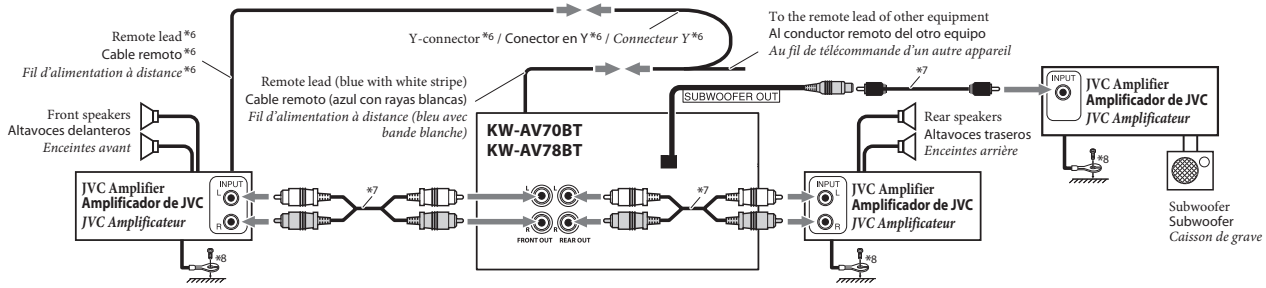
- Connect the remote lead (blue with white stripe) to the remote lead of the other equipment so that it can be controlled through this unit.
- **Disconnect the speakers from this unit, and connect them to the amplifier. Leave the speaker leads of this unit unused.**
- You can switch off the built-in amplifier and send the audio signals only to the external amplifier(s) to get clear sounds and to prevent internal heat built-up inside the unit. See page 49 of the INSTRUCTIONS.

Puede conectar amplificadores para mejorar su sistema car estéreo.

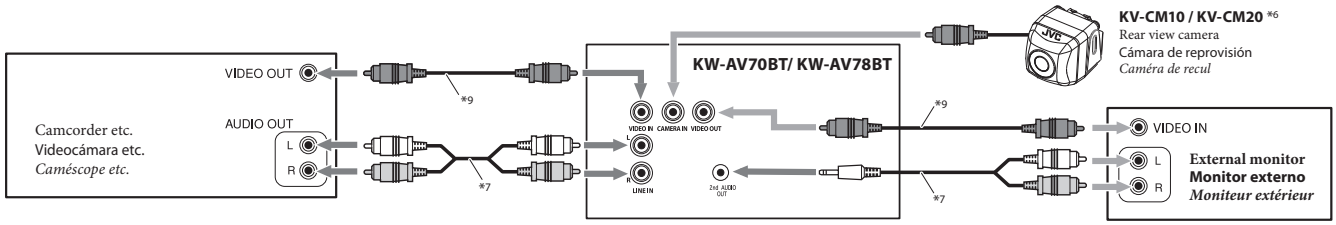
- Conecte el conductor remoto (azul con rayas blancas) al conductor remoto del otro equipo para poderlo controlar a través de esta unidad.
- **Desconecte los altavoces de esta unidad y conéctelos al amplificador. Los cables de los altavoces de esta unidad quedan sin usar.**
- Podrá desconectar el amplificador incorporado y enviar las señales de audio solamente al(los) amplificador(es) externo(s) para obtener sonidos nítidos y evitar que se caliente el interior de la unidad. Consulte la página 49 del MANUAL DE INSTRUCCIONES.

Vous pouvez connecter un amplificateur pour améliorer votre système autoradio.

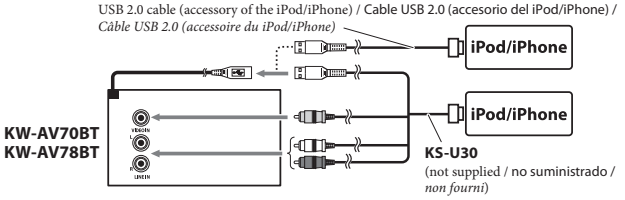
- *Connectez le fil de commande à distance (bleu avec bande blanche) au fil de commande à distance de l'autre appareil de façon qu'il puisse être commandé via cet appareil.*
- **Déconnectez les enceintes de cet appareil et connectez-les à l'amplificateur. Laissez les fils d'enceintes de cet appareil inutilisés.**
- *Vous pouvez mettre hors service l'amplificateur intégré et envoyer les signaux audio uniquement sur un ou plusieurs amplificateurs extérieurs afin d'obtenir un son clair et d'éviter tout échauffement interne de l'autoradio. Voir page 49 du MANUEL D'INSTRUCTIONS.*



C Connecting the external components / Conectando los componentes externos / Connexion des appareils extérieurs

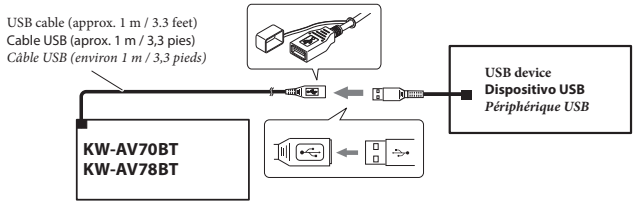


Connecting the iPod or the iPhone / Conexión del iPod o iPhone / Connexion d'un iPod ou d'un iPhone


USB 2.0 cable (accessory of the iPod/iPhone) / Cable USB 2.0 (accesorio del iPod/iPhone) / Câble USB 2.0 (accessoire du iPod/iPhone)
iPod/iPhone
iPod/iPhone
KW-AV70BT
KW-AV78BT
KS-U30
(not supplied / no suministrado / non fourni)

- **To watch video**, connect the iPod/iPhone using JVC KS-U30 *10 (separately purchased), otherwise, video is not displayed on the screen.
- **To listen to music**, connect the iPod/iPhone using a USB 2.0 cable (accessory of the iPod/iPhone).
- **Para ver video**, conecte el iPod/iPhone mediante el JVC KS-U30 *10 (en venta por separado); de lo contrario, no aparecerá video en la pantalla.
- **Para escuchar música**, conecte el iPod/iPhone mediante un cable USB 2.0 (accesorio del iPod/iPhone).
- **Pour voir une séquence vidéo**, *connectez l'iPod/iPhone en utilisant le JVC KS-U30 *10 (vendu séparément), sinon, l'image vidéo n'apparaît pas sur l'écran.*
- **Pour écouter la musique**, *connectez l'iPod/iPhone en utilisant le câble USB 2.0 (accessoire du iPod/iPhone).*

USB devices / Dispositivos USB / Périphériques USB


USB cable (approx. 1 m / 3.3 feet)
Cable USB (aprox. 1 m / 3,3 pies)
Câble USB (environ 1 m / 3,3 pieds)
USB device
Dispositivo USB
Périphérique USB
KW-AV70BT
KW-AV78BT

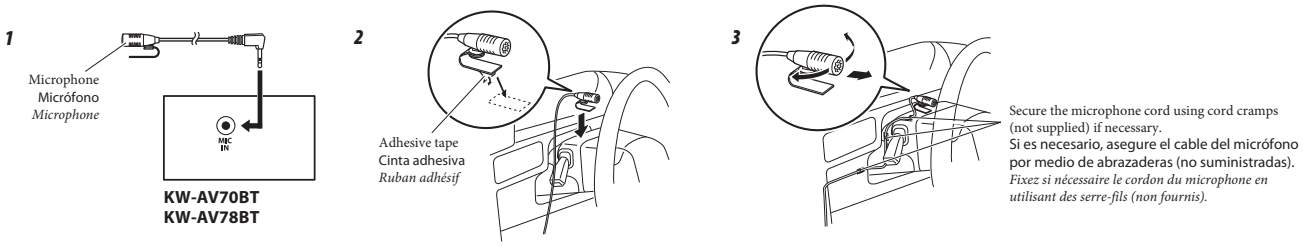
- iPod and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries.

*6 Not supplied for this unit.
*7 Audio cord (not supplied for this unit).
*8 Firmly attach the ground wire to the metallic body or to the chassis of the car—to the place uncoated with paint (if coated with paint, remove the paint before attaching the wire). Failure to do so may cause damage to the unit.
*9 Video cord (not supplied for this unit).
*10 When using the cable, you need to change the setting on the unit (see page 28 of the INSTRUCTIONS).

*6 No suministrado con esta unidad.
*7 Cable de audio (no suministrado con esta unidad).
*8 Fije firmemente el cable de tierra a la carrocería metálica o al chasis—a un lugar no cubierto con pintura (si está cubierto con pintura, quítela antes de fijar el cable). De lo contrario, se podrían producir daños en la unidad.
*9 Cordón de video (no suministrado con esta unidad).
*10 Cuando utilice el cable, deberá cambiar el ajuste en la unidad (consulte la página 28 del MANUAL DE INSTRUCCIONES).

*6 *Non fourni avec cet appareil.*
*7 *Cordon audio (non fourni avec cet appareil).*
*8 *Attachez solidement le fil de mise à la masse au châssis métallique de la voiture—à un endroit qui n'est pas recouvert de peinture (s'il est recouvert de peinture, enlevez d'abord la peinture avant d'attacher le fil). L'appareil peut être endommagé si cela n'est pas fait correctement.*
*9 *Cordon vidéo (non fourni avec cet appareil).*
*10 *Lors de l'utilisation du câble, vous devez changer le réglage sur l'appareil (voir page 28 du MANUEL D'INSTRUCTIONS).*

D Connecting the microphone / Conexión de la unidad de micrófono / Connexion du microphone



E Connecting the SiriusXM tuner (Only for KW-AV70BT) / Conexión del sintonizador SiriusXM (solo para KW-AV70BT) / Connexion du tuner SiriusXM (uniquement pour le KW-AV70BT)

When connecting the SiriusXM tuner, refer also to the manual supplied for it.

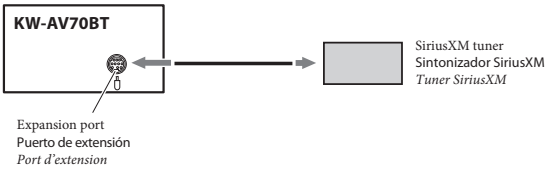
CAUTION: Before connecting the SiriusXM tuner, make sure that the unit is turned off.

Cuando conecte el sintonizador SiriusXM, consulte también el manual suministrado con el mismo.

PRECAUCIÓN: Antes de conectar el sintonizador SiriusXM, asegúrese de que la unidad esté apagada.

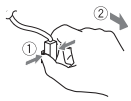
Lors de la connexion du tuner SiriusXM tuner, reportez-vous aussi au mode d'emploi qui l'accompagne.

ATTENTION: *Avant de connecter le tuner SiriusXM, assurez-vous que l'appareil est hors tension.*



To disconnect the connector
Para desconectar el conector
Pour déconnecter le connecteur

Grip the connector top tightly (①).
Sostenga el conector con firmeza (①).
Tenez fermement le haut de l'adaptateur (①).



Pull out (②).
Extráigalo (②).
Tirez (②).

TROUBLESHOOTING

- **The fuse blows.**
* Are the red and black leads connected correctly?
- **Power cannot be turned on.**
* Is the yellow lead connected?
- **No sound from the speakers.**
* Is the speaker output lead short-circuited?
- **Sound is distorted.**
* Is the speaker output lead grounded?
* Are the "–" terminals of L and R speakers grounded in common?
- **Noise interfere with sounds.**
* Is the rear ground terminal connected to the car's chassis using shorter and thicker cords?
- **This unit becomes hot.**
* Is the speaker output lead grounded?
* Are the "–" terminals of L and R speakers grounded in common?
- **This unit does not work at all.**
* Have you reset your unit?

LOCALIZACIÓN DE AVERIAS

- **El fusible se quema.**
* ¿Están los conductores rojo y negro correctamente conectados?
- **No es posible conectar la alimentación.**
* ¿Está el cable amarillo conectado?
- **No sale sonido de los altavoces.**
* ¿Está el cable de salida del altavoz cortocircuitado?
- **El sonido presenta distorsión.**
* ¿Está el cable de salida del altavoz conectado a masa?
* ¿Están los terminales "–" de los altavoces L y R conectados a una masa común?
- **Perturbación de ruido.**
* ¿El terminal de tierra trasero está conectado al chasis del automóvil utilizando los cordones más corto y más grueso?
- **La unidad se calienta.**
* ¿Está el cable de salida del altavoz conectado a masa?
* ¿Están los terminales "–" de los altavoces L y R conectados a una masa común?
- **Este receptor no funciona en absoluto.**
* ¿Reinicializó el receptor?

EN CAS DE DIFFICULTES

- **Le fusible saute.**
* *Les fils rouge et noir sont-ils racordés correctement?*
- **L'appareil ne peut pas être mise sous tension.**
* *Le fil jaune est-elle raccordée?*
- **Pas de son des enceintes.**
* *Le fil de sortie d'enceinte est-il court-circuité?*
- **Le son est déformé.**
* *Le fil de sortie d'enceinte est-il à la masse?*
* *Les bornes "–" des enceintes gauche et droit sont-elles mises ensemble à la masse?*
- **Interférence avec les sons.**
* *La prise arrière de mise à la terre est-elle connectée au châssis de la voiture avec un cordon court et épais?*
- **L'appareil devient chaud.**
* *Le fil de sortie d'enceinte est-il à la masse?*
* *Les bornes "–" des enceintes gauche et droit sont-elles mises ensemble à la masse?*
- **Cet appareil ne fonctionne pas du tout.**
* *Avez-vous réinitialisé votre appareil?*

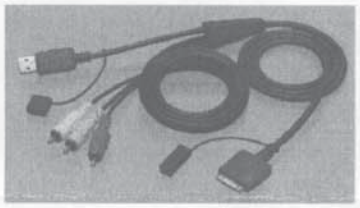
KW-AV70BT

iPhone/iPod users:
PLEASE READ THIS BEFORE USING YOUR NEW UNIT

You have two options when connecting an iPhone or an iPod to your new unit:

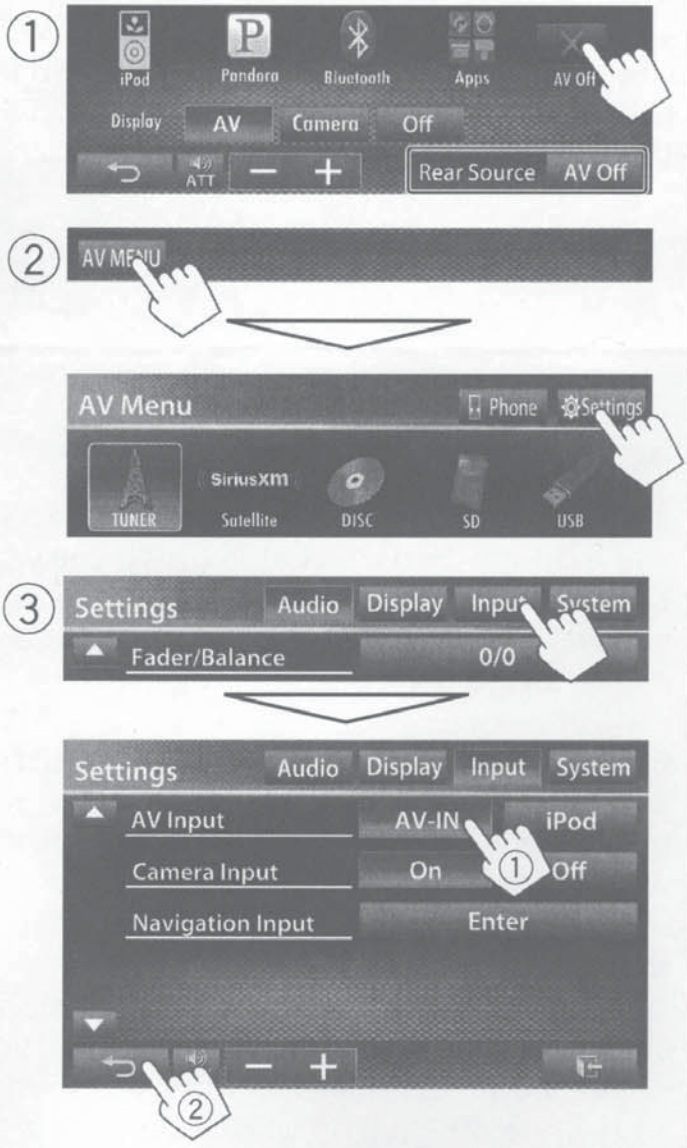
■ Option 1 (Default Setting): Using the optional JVC KS-U30

Your unit is pre-set from the factory to allow **audio and video** playback when you connect your iPhone or iPod using the optional JVC KS-U30 cable (Sold Separately). If you purchased the KS-U30, simply connect your iPhone or iPod using this optional cable.



Setting <AV Input> for iPod/iPhone playback

• Make sure that "AV Off" is selected as the rear source.



■ Option 2 :

If you wish to connect your iPhone or iPod with white 30-Pin iPod USB Cable (this is the white cable that is supplied with your iPhone or iPod), you will need to follow the simple steps below to assure **audio** playback:

Please go to [AV Menu] > > Select [AV Off] >> Select [AV MENU] >> Select [Settings] >> [Input], then select [AV-IN] at "AV Input" Menu.

Important Notice:

When using white 30-Pin iPod USB Cable, audio signal does not come through via USB if you select "iPod". You must select "AV-IN" when using your white 30-Pin iPod USB Cable.

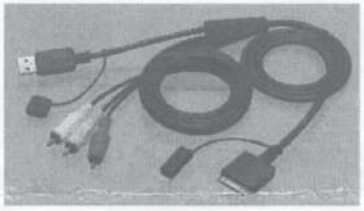
KW-AV60BT/KW-AV60/KW-ADV64BT

iPhone/iPod users:
PLEASE READ THIS BEFORE USING YOUR NEW UNIT

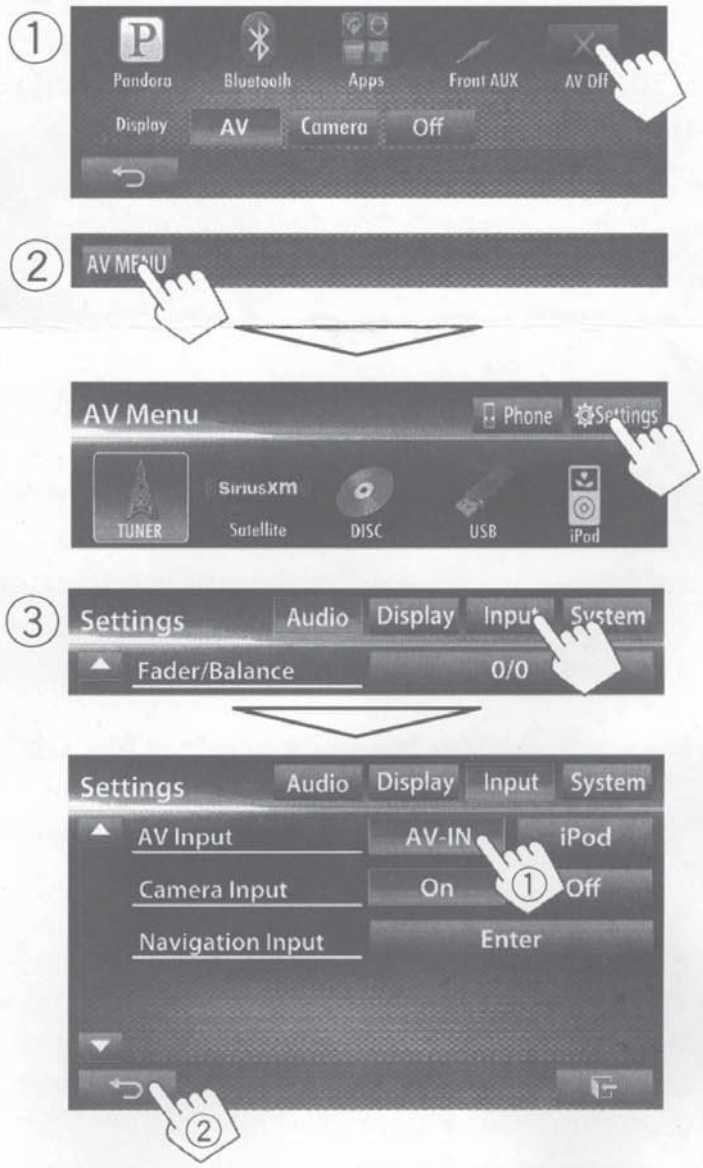
You have two options when connecting an iPhone or an iPod to your new unit:

■ Option 1 (Default Setting): Using the optional JVC KS-U30

Your unit is pre-set from the factory to allow **audio and video** playback when you connect your iPhone or iPod using the optional JVC KS-U30 cable (Sold Separately). If you purchased the KS-U30, simply connect your iPhone or iPod using this optional cable.



Setting <AV Input> for iPod/iPhone playback



■ Option 2 :

If you wish to connect your iPhone or iPod with white 30-Pin iPod USB Cable (this is the white cable that is supplied with your iPhone or iPod), you will need to follow the simple steps below to assure **audio** playback:

Please go to [AV Menu] > > Select [AV Off] >> Select [AV MENU] >> Select [Settings] >> [Input], then select [AV-IN] at "AV Input" Menu.

Important Notice:
When using white 30-Pin iPod USB Cable, audio signal does not come through via USB if you select "iPod". You must select "AV-IN" when using your white 30-Pin iPod USB Cable.

JVC

KS-UBT1

Bluetooth®

USB Bluetooth Adapter / Adaptateur USB Bluetooth / Adaptador Bluetooth USB / USB-Bluetooth-Adapter / Adattatore USB per Bluetooth / Adaptador USB de Bluetooth / USB Bluetooth adapter / USB Bluetooth-adapter / USB-Bluetooth-adapter / USB Bluetooth -sovitin / USB Bluetooth Adaptör / USB-адаптер Bluetooth / Προσαρμογέας Bluetooth USB / Adapter Bluetooth USB / USB Bluetooth adaptér / USB Bluetooth Adapter / Bluetooth-адаптер USB / Adaptor USB Bluetooth / USB Bluetooth адаптер / บลูทูธอะแด็ปเตอร์ USB / USB Bluetooth 어댑터 / USB 藍牙轉換器 / USB محول البلوتوث عبر / USB Bluetooth اڈاپٹور / Adaptor Bluetooth USB

INSTRUCTIONS / MANUEL D'INSTRUCTIONS / MANUAL DE INSTRUCCIONES / BEDIENUNGSANLEITUNG / ISTRUZIONI / INSTRUÇÕES / GEBRUIKSAANWIJZING / BRUKSANVISNING / INSTRUKTIONSBOG / KÄYTTÖOHJE / TALİMATLAR / ИНСТРУКЦИИ ПО ЭКСПЛУАТАЦИИ / ΟΔΗΓΙΕΣ / INSTRUKCJA OBSŁUGI / PŘÍRUČKA K OBSLUZE / HASZNÁLATI UTASÍTÁSA / ІНСТРУКЦІЇ / INSTRUCȚIUNI / ИНСТРУКЦИИ / คำแนะนำ / 사용 설명서 / 使用說明書 / دليل التعليمات / دستور العمل ها / BUKU PETUNJUK

EN, FR, SP, GE, IT, PR, NL, SW, DA, FI, TR, RU, GR, PO, CZ, HU, UK, RO, BU, TH, KO, CT, AR, PE, IN

GET0617-001H
[K]

ICASA TA-2008/1187 APPROVED

NTC
Type Accepted
No.: ESD-CPE-0903971C

인증반호 : JVC-KSUBT1

해당 무선설비는 운용 중 전파혼신 가능성이 있음

회사의 신청 이름: (주)더 미토
기기의 명칭: 무선데이터통신 시스템용 무선기기
모델 이름: KS-UBT1
제조년도 및 월: 2009, February
신청인 아이디: JVC

해당 무선설비는 전파혼신 가능성이 있으므로, 인명안전과 관련된 서비스는 할 수 없습니다.

"Este equipamento opera em caráter secundário, isto é, não tem direito à proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário."

N49

Approved by TRA

Complies with IDA Standards DB102150

MTC:OFICIO No 8396-2008-MTC/29

CONATEL certificate No: 001516

SUBTEL: 30234/DFRS00045/F-49

"This telecommunication equipment conforms to NTC technical requirement"

13973/POSTEL/2010
2366

TEC/WR/I/MOD-08/02/135.APR 08

URSEC 365/FR/2010

Distributor name:	JVC KENWOOD DO BRASIL COMERCIO DE ELETRONICOS LTDA
CNPJ of distributor:	JVC KENWOOD DO BRASIL COMERCIO DE ELETRONICOS LTDA
Manufacturer:	JVC KENWOOD Corporation
Model no.:	KS-UBT1
Brand:	JVC

ANATEL
0178-11-6733
(01)07898929117502

English:
A copy of the Declaration of Conformity with regard to the R&TTE Directive 1999/5/EC can be downloaded from the following Web sites
(http://www3.jvckenwood.com/ecdoc/).
[CE0984]
Hereby, JVC KENWOOD declares that this unit [KS-UBT1] is in compliance with the essential requirements and other relevant provision of Directive 1999/5/EC.

Français:
Une copie de la Déclaration de Conformité relative à la Directive R&TTE 1999/5/CE peut être téléchargée à partir des sites Web suivants (http://www3.jvckenwood.com/ecdoc/).
[CE0984]
Par la présente, JVC KENWOOD déclare que cet appareil [KS-UBT1] est conforme aux exigences essentielles et aux autres dispositions pertinentes de la Directive 1999/5/CE.

Español:
Puede descargarse una copia de la Declaración de conformidad relacionada con la Directiva 1999/5/CE (equipos radioeléctricos y equipos terminales de telecomunicación) en los siguientes sitios web (http://www3.jvckenwood.com/ecdoc/).
[CE0984]
Por la presente, JVC KENWOOD declara que esta unidad [KS-UBT1] cumple con los requisitos fundamentales y otras disposiciones pertinentes previstos en la Directiva 1999/5/CE.

Deutsch:
Eine Kopie der Übereinstimmungserklärung bezüglich der R&TTE-Richtlinie 1999/5/EG kann von den folgenden Websites heruntergeladen werden
(http://www3.jvckenwood.com/ecdoc/).
[CE0984]
JVC KENWOOD erklärt hiermit, dass dieses Gerät [KS-UBT1] den wesentlichen Anforderungen und anderen relevanten Bestimmungen der Richtlinie 1999/5/EG entspricht.

Italiano:
Copia della Dichiarazione di Conformità alla Direttiva R&TTE 1999/5/CE può essere scaricata dai seguenti siti Web (http://www3.jvckenwood.com/ecdoc/).
[CE0984]
Con la presente JVC KENWOOD dichiara che questa unità [KS-UBT1] è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.

Português:
É possível transferir uma cópia da Declaração de Conformidade relativa à Directiva R&TTE (1999/5/CE) a partir dos sítios Web seguintes
(http://www3.jvckenwood.com/ecdoc/).
[CE0984]
A JVC KENWOOD declara que esta unidade [KS-UBT1] está em conformidade com os requisitos essenciais e outras disposições relevantes da Directiva 1999/5/CE.

Nederlands:
Een kopie van de conformiteitsverklaring met betrekking tot de R&TTErichtlijn 1999/5/EG kan worden gedownload van de volgende websites
(http://www3.jvckenwood.com/ecdoc/).
[CE0984]
Hierbij verklaart JVC KENWOOD dat dit apparaat [KS-UBT1] voldoet aan de essentiële vereisten en andere relevante bepalingen van richtlijn 1999/5/EG.

Svenska:
En kopia av deklarationen om överensstämmelse med R&TTE-direktivet 1999/5/EG kan hämtas på följande webbplatser (http://www3.jvckenwood.com/ecdoc/).
[CE0984]
Härmed intygar JVC KENWOOD att denna enhet [KS-UBT1] står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.

Dansk:
Et eksemplar af Overensstemmelseserklæringen med henvisning til R&TTEdirektivet 1999/5/EF kan hentes fra følgende websteder (http://www3.jvckenwood.com/ecdoc/).
[CE0984]
JVC KENWOOD erklærer herved, at denne enhed [KS-UBT1] er i overensstemmelse med de væsentlige krav og andre relevante bestemmelser i direktiv 1999/5/EF.

Suomi:
Vaatimustenmukaisuusvakuutuksen radio- ja telepäätelaitteita (R&TTE) koskeva direktiivi 1999/5/EY voidaan ladata seuraavista verkko-osoitteista
(http://www3.jvckenwood.com/ecdoc/).
[CE0984]
JVC KENWOOD vakuuttaa täten, että [KS-UBT1]-laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.

Türkçe:
R&TTE Direktifi 1999/5/EC ile ilgili Uygunluk Beyanı'nın bir kopyası aşağıdaki web sitelerinden indirilebilir.
(http://www3.jvckenwood.com/ecdoc/)
[CE0984]
Burada, JVC KENWOOD, bu ünitenin [KS-UBT1] 1999/5/EC'nin vazgeçilmez gereksinimleri ve diğer ilgili hükümleri ile uyumlu olduğunu beyan eder.

Ελληνική:
Ένα αντίγραφο της Δήλωσης συμμόρφωσης με την Οδηγία 1999/5/ΕΚ σχετικά με το ραδιοεξοπλισμό και τον τηλεπικοινωνιακό τερματικό εξοπλισμό μπορεί να ληφθεί από τις παρακάτω τοποθεσίες στο Web
(http://www3.jvckenwood.com/ecdoc/).
[CE0984]
Δια του παρόντος, η JVC KENWOOD δηλώνει ότι αυτή η μονάδα [KS-UBT1] συμμορφώνεται προς τις ουσιώδεις απαιτήσεις και τις λοιπές σχετικές διατάξεις της Οδηγίας 1999/5/ΕΚ.

Polski:
Kopię deklaracji zgodności z Dyrektywą 1999/5/EC można pobrać z następujących stron internetowych
(http://www3.jvckenwood.com/ecdoc/).
[CE0984]
Niniejszym firma JVC KENWOOD oświadcza, że niniejsze urządzenie [KS-UBT1] jest zgodne z zasadniczymi wymogami i pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.

Cesky:
Kopii Prohlášení o shodě s požadavky směrnice R&TTE 1999/5/ES lze stáhnout z následujících webových stránek
(http://www3.jvckenwood.com/ecdoc/).
[CE0984]
JVC KENWOOD tímto prohlašuje, že tento [KS-UBT1] je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.

Magyar:
Az 1999/5/EC jelű R&TTE irányelvhez kapcsolódó Megfelelőségi nyilatkozat példánya a következő webhelyekről tölthető le:
(http://www3.jvckenwood.com/ecdoc/)
[CE0984]
A JVC KENWOOD kijelenti, hogy a jelen eszköz [KS-UBT1] megfelel az 1999/5/EC jelű irányelv alapvető követelményeinek és egyéb vonatkozó rendelkezéseinek.

Română:
O copie a Declarației de conformitate referitoare la directiva R&TTE 1999/5/EC poate fi descărcată de pe următoarele situri web (http://www3.jvckenwood.com/ecdoc/).
[CE0984]
Prin prezenta, JVC KENWOOD declară că această unitate [KS-UBT1] respectă cerințele esențiale și alte prevederi importante ale directivei 1999/5/EC.

Български:
Копие от декларацията за съответствие по отношение на Директива 1999/5/ЕО относно R&TTE може да бъде изтеглено от следните уебсайтове
(http://www3.jvckenwood.com/ecdoc/).
[CE0984]
С настоящото JVC KENWOOD декларира, че това изделие [KS-UBT1] е в съответствие с основните изисквания и другите приложими разпоредби на Директива 1999/5/ЕО.

Declaration of Conformity with regard to the R&TTE Directive 1999/5/EC

Manufacturer: JVC KENWOOD Corporation
3-12 Moriyacho,
Kanagawa-ku, Yokohama-shi,
Kanagawa, 221-0022
Japan

EU Representative's: JVC Technical Services Europe GmbH
Postfach 10 05 04
61145 Friedberg
Germany

CE 0984

English:
Hereby, JVC KENWOOD, declares that this KS-UBT1 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Deutsch:
Hiermit erklärt JVC KENWOOD, dass sich das Gerät KS-UBT1 in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
Hiermit erklärt JVC KENWOOD die Übereinstimmung des Gerätes KS-UBT1 mit den grundlegenden Anforderungen und den anderen relevanten Festlegungen der Richtlinie 1999/5/EG befindet. (Wien)

Français:
Par la présente JVC KENWOOD déclare que l'appareil KS-UBT1 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.

Nederlands:
Hierbij verklaart JVC KENWOOD dat het toestel KS-UBT1 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.

Dansk:
Undertegnede JVC KENWOOD erklærer herved, at følgende udstyr KS-UBT1 overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF

Español:
Por medio de la presente JVC KENWOOD declara que el KS-UBT1 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE

Ελληνική:
ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ JVC KENWOOD ΔΗΛΩΝΕΙ ΟΤΙ KS-UBT1 ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.

Italiano:
Con la presente JVC KENWOOD dichiara che questo KS-UBT1 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.

Malti:
Hawnhekk, JVC KENWOOD, jiddikjara li dan KS-UBT1 jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.

Português:
JVC KENWOOD declara que este KS-UBT1 está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.

Suomi:
JVC KENWOOD vakuuttaa täten että KS-UBT1 tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.

Svenska:
Härmed intygar JVC KENWOOD att denna KS-UBT1 står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.

Íslenska:
Hér með lýsir JVC KENWOOD yfir því að KS-UBT1 er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.

Norsk:
JVC KENWOOD erklærer herved at utstyret KS-UBT1 er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.

Cesky:
JVC KENWOOD tímto prohlašuje, že tento KS-UBT1 je ve shode se základními požadavky a dalšími príslušnými ustanoveními smernice 1999/5/ES.

Eesti:
Käesolevaga kinnitab JVC KENWOOD seadme KS-UBT1 vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.

Latviski:
Ar šo JVC KENWOOD deklare, ka KS-UBT1 atbilst Direktivas 1999/5/EK butiskajam prasibam un citiem ar to saistitajiem noteikumiem.

Lietuviu:
Šiuo JVC KENWOOD deklaruoja, kad šis KS-UBT1 atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.

Magyar:
Alulírott, JVC KENWOOD nyilatkozom, hogy a KS-UBT1 megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.

Polski:
Niniejszym JVC KENWOOD oświadcza, że KS-UBT1 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.

Slovensko:
JVC KENWOOD izjavlja, da je ta KS-UBT1 v skladu z bistvenimi zahtevami in ostalimi relevantnimi dolocili direktive 1999/5/ES.

Slovensky:
JVC KENWOOD týmto vyhlasuje, že KS-UBT1 splna základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.

Română:
Prin aceasta, JVC KENWOOD, declară că acest KS-UBT1 este în conformitate cu prevederile generale şi cu alte norme ale Directivei 1999/5/EC.

Български:
С настоящото JVC KENWOOD декларира, че изделието KS-UBT1 съответства на основните изисквания, както и на други приложими клаузи на Директива 1999/5/EC.

ENGLISH

SPECIFICATIONS

1. Bluetooth Version: Ver 2.1 +EDR
2. Power Class: Class 2
3. Service Area: 10 m (10.9 yd)
4. USB Standards: USB V1.1 (Full Speed)

Power Consumption: 54.3 mA/5 V (max.)
Dimensions (L × W × H): 15 mm × 19 mm × 5.6 mm (5/8" × 3/4" × 1/4")

For U.S.A.
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution:
This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

For U.S.A. and CANADA
This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20 cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

For CANADA
This device complies with RSS-210 of industry Canada Rules. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Information for Users on Disposal of Old Equipment and Batteries
[European Union only]
These symbols indicate that the product and the battery with this symbol should not be disposed as general household waste at its end-of-life.
If you wish to dispose of this product and the battery, please do so in accordance with applicable national legislation or other rules in your country and municipality.
By disposing of this product correctly, you will help to conserve natural resources and will help prevent potential negative effects on the environment and human health.

Products

Battery

Notice:
The sign Pb below the symbol for batteries indicates that this battery contains lead.

- The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by JVC KENWOOD Corporation is under license. Other trademarks and trade names are those of their respective owners.
- This adapter has been designed exclusively for use with JVC's car receivers. Do not use this adapter with any other car receiver. For details, see also the Instructions supplied with your receiver.

FRANÇAIS

Pour les États-Unis et le CANADA
Cet équipement est conforme aux limites d' exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles d' exposition aux fréquences radioélectriques (RF) CNR-102 de l' IC. Cet équipement émet une énergie RF très faible qui est considérée conforme sans évaluation de l' exposition maximale autorisée. Cependant, cet équipement doit être installé et utilisé en gardant une distance de 20 cm ou plus entre le dispositif rayonnant et le corps (à l' exception des extrémités : mains, poignets, pieds et chevillies).

Pour le CANADA
Cet appareil est conforme au règlement CNR-210 de l'industrie du Canada. L'utilisation de ce dispositif est autorisée seulement aux conditions suivantes: (1) il ne doit pas produire de brouillage et (2) l'utilisateur du dispositif doit être prêt à accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenna et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

Informations relatives à l'élimination des appareils et des piles usagés, à l'intention des utilisateurs
[Union européenne seulement]
Ces symboles signifient que le produit et les piles ne doivent pas être éliminés en tant que déchet ménager à la fin de son cycle de vie.
Si vous souhaitez éliminer ce produit et les piles, faites-le conformément à la législation nationale ou autres règles en vigueur dans votre pays et votre municipalité.
En éliminant correctement ce produit, vous contribuez à la conservation des ressources naturelles et à la prévention des éventuels effets négatifs sur l'environnement et la santé humaine.

Produits

Pile

Notification:
La marque Pb en dessous du symbole des piles indique que cette pile contient du plomb.

- La marque du mot et les logos Bluetooth sont la propriété de Bluetooth SIG, Inc. et toute utilisation de ces marques par JVC KENWOOD Corporation est faite sous licence. Les autres marques et noms de commerce sont la propriété de leur propriétaire respectif.
- Cet adaptateur a été conçu spécialement pour être utilisé avec un autoradio JVC. N'utilisez pas cet adaptateur avec un autre autoradio. Pour plus de détails, référez-vous aux instructions fournies avec votre autoradio.

ESPAÑOL

Información para los usuarios sobre la eliminación de equipos y baterías/pilas usados
[Sólo Unión Europea]
Estos símbolos indican que el producto y la batería que llevan este símbolo no deben desecharse junto con la basura doméstica al final de su vida útil.
Si desea desechar este producto y la batería, hágalo de conformidad con la legislación nacional vigente u otras normativas de su país y municipio.
Si desecha el producto correctamente, estará contribuyendo a conservar los recursos naturales y a prevenir los posibles efectos negativos en el medio ambiente y en la salud de las personas.

Productos

Baterías/pilas

Atención:
La indicación Pb debajo del símbolo de batería/pila indica que ésta contiene plomo.

- La marca Bluetooth y sus logotipos son propiedad de Bluetooth SIG, Inc., y cualquier uso de los mismos por JVC KENWOOD Corporation se realiza bajo licencia. Otras marcas y nombres comerciales son de sus respectivos propietarios.
- Este adaptador ha sido diseñado para usarse exclusivamente con los receptores para automóvil de JVC. No utilice este adaptador con ningún otro receptor para automóvil.
  Para obtener más detalles, consulte también las instrucciones suministradas con su receptor.

DEUTSCH

Benutzerinformationen zur Entsorgung alter Geräte und Batterien
[Nur Europäische Union]
Diese Symbole zeigen an, dass das damit gekennzeichnete Produkt bzw. die Batterie nicht als normaler Haushaltsabfall entsorgt werden sollen.
Wenn Sie dieses Produkt und die Batterie entsorgen möchten, halten Sie sich dabei bitte an die entsprechenden Landesgesetze und andere Regelungen in Ihrem Land bzw. Ihrer Gemeinde.
Die korrekte Entsorgung dieses Produkts dient dem Umweltschutz und verhindert mögliche Schäden für die Umwelt und die menschliche Gesundheit.

Produkte

Batterie

Hinweis:
Das Zeichen Pb unterhalb des Batteriesymbols gibt an, dass diese Batterie Blei enthält.

- Die Wortmarke Bluetooth und die Logos sind Eigentum der Bluetooth SIG, Inc., und jegliche Verwendung solcher Marken durch die JVC KENWOOD Corporation geschieht unter Lizenz. Andere Warenzeichen und Handelsnamen sind Eigentum ihrer jeweiligen Besitzer und werden von uns anerkannt.
- Dieser Adapter wurde ausschließlich zur Verwendung mit Auto-Receivern von JVC entworfen. Verwenden Sie diesen Adapter nicht mit einem anderen Auto-Receiver.
  Einzelheiten siehe mit Ihrem Receiver mitgelieferte Bedienungsanleitung.

ITALIANO

Informazioni per gli utenti sullo smaltimento delle apparecchiature e batterie obsolete

[Esclusivamente per l'Unione Europea]

Questi simboli indicano che il prodotto e la batteria su cui essi appaiono non devono essere smaltiti tra i rifiuti domestici generici alla fine della loro vita utile.

Prodotti

Qualora si desideri smaltire il prodotto e la batteria, effettuare lo smaltimento in conformità alla normativa nazionale applicabile o alle altre leggi della propria nazione e del proprio comune.

Mediante lo smaltimento corretto di questo prodotto, si contribuirà a preservare le risorse naturali e a prevenire potenziali effetti negativi sull'ambiente e sulla salute umana.

Batteria

Nota:

il simbolo Pb sotto il simbolo delle batterie indica che questa batteria contiene piombo.

- Il marchio e i logo mondiali di Bluetooth appartengono a Bluetooth SIG, Inc. e l'uso di tali marchi fatto da JVC KENWOOD Corporation è concesso in licenza. Altri marchi e nomi di fabbrica appartengono ai rispettivi titolari.
- L'adattatore è stato concepito esclusivamente per essere impiegato con i ricevitori di marca JVC per automezzi. Non deve quindi essere impiegato con ricevitori di altra marca.
  Per maggiori informazioni in merito si prega di vedere il relativo manuale d'istruzioni.

SUOMI

Tietoja vanhojen laitteiden ja akkujen hävittämisestä

[vain Euroopan unioni]

Nämä symbolit tarkoittavat, ettei symbolilla varustettua tuotetta eikä akkua saa laittaa talousjätteisiin, kun sen elinkaari päättyy.

Tuotteet

Jos haluat hävittää tämän tuotteen ja akun, tee niin kansallisen lainsäädännön tai muiden maassasi ja kunnassasi voimassa olevien määräysten mukaan.

Kun hävität tuotteen asianmukaisella tavalla, autat säästämään luonnonvaroja ja estämään mahdollisia ympäristö- ja terveyshaittoja.

Akku

Huomautus:

Akkusymboliin alapuolella oleva Pb-merkintä tarkoittaa, että akku sisältää lyijyä.

- Bluetooth-merkki ja logot kuuluvat Bluetooth SIG, Inc:lle ja JVC KENWOOD Corporation käyttää niitä lisenssillä. Muut tavaramerkit ja tuotenimet kuuluvat vastaaville omistajille.
- Tämä sovitin on suunniteltu erityisesti käytettäväksi JVC-autovastaanottimissa. Älä käytä tätä sovitinta muiden autovastaanottimien kanssa.
  Katso tarkempia tietoja myös vastaanottimen mukana toimitetuista käyttöohjeista.

PORTUGUÊS

Informação para os utilizadores acerca da eliminação de equipamento usado e pilhas

[Apenas para a União Europeia]

Estes símbolos indicam que o produto e a pilha que tiverem este símbolo não devem ser descartados da mesma forma que outros aparelhos domésticos, no fim da sua vida de utilização.

Produtos

Se pretender descartar-se deste produto e da pilha, por favor faça-o de acordo com a legislação nacional aplicável ou outras regras em vigor no seu país ou município.

Ao eliminar este produto da forma correcta, ajudará a conservar recursos naturais e ajudará a evitar potenciais efeitos negativos no ambiente e saúde humana.

Pilha

Aviso:

O sinal Pb abaixo do símbolo para pilhas indica que esta pilha contém chumbo.

- A palavra, marcas e logotipos Bluetooth são de propriedade da Bluetooth SIG, Inc. e qualquer utilização de tais marcas pela JVC KENWOOD Corporation está sob licença. Os outros nomes comerciais e marcas registadas são dos seus respectivos proprietários.
- Este adaptador foi desenhado para uso exclusivo com receptores de automóvel JVC. Não utilize este adaptador com nenhum outro receptor de automóvel.
  Para mais detalhes, consulte também as instruções fornecidas com o seu receptor.

TÜRKÇE

[sadece Avrupa Birliği]

- Bluetooth markası ve logoları Bluetooth SIG, Inc.'a aittir ve JVC KENWOOD Corporation bu markaları lisanslı olarak kullanmaktadır. Diğer ticari markalar ve ticari adlar kendi sahiplerine aittir.
- Bu adaptör JVC'nin araç alıcıları ile birlikte kullanılmak üzere özel olarak tasarlanmıştır. Bu adaptörü başka herhangi bir araç alıcısı ile kullanmayınız.
  Ayrıntılar için alıcınızla birlikte verilen talimatlara bakın.

NEDERLANDS

Informatie voor gebruikers over het verwijderen van oude apparatuur en batterijen

[Alleen de Europese Unie]

Deze symbolen geven aan dat het product en de batterij met dit symbool bij het einde van de gebruiksduur niet met het normale huishoudelijk afval mogen worden weggegooid.

Producten

Wanneer u dit product en de batterij wilt weggooien, houdt u dan aan de geldende nationale wetgeving of andere regels in uw land en gemeente.

Door dit product naar het inzamelingspunt te brengen, werkt u mee aan het behoud van natuurlijke hulpbronnen en met het voorkomen van potentiële negatieve effecten op het milieu en de volksgezondheid.

Batterij

Opmerking:

Het teken Pb onder het batterijsymbool geeft aan dat deze batterij lood bevat.

- Het woord Bluetooth en de bijbehorende markeringen en logo's zijn eigendom van Bluetooth SIG, Inc. en JVC KENWOOD Corporation gebruikt deze onder licentie. Overige handelsmerken en namen zijn eigendom van de overeenkomende eigenaren.
- Deze adapter is ontworpen voor exclusief gebruik met JVC auto-receivers. Gebruik deze adapter niet met andere auto-receivers.
  Zie tevens de bij uw receiver geleverde gebruiksaanwijzing voor details.

РУССКИЙ

Сведения для пользователей по утилизации старого оборудования и батарей

[только Европейский Союз]

Эти символы указывают на то, что изделие и батарея, на которые они нанесены, в конце срока службы не должны утилизироваться, как обычные бытовые отходы.

Изделия

Утилизация данного изделия и батареи должна осуществляться в соответствии с требованиями национального законодательства или другими правилами, действующими в Вашей стране и городе.

Обеспечивая правильную утилизацию данного продукта, Вы помогаете сберечь природные ресурсы и предотвращаете возможный ущерб для окружающей среды и здоровья людей.

Батарея

Уведомление:

Надпись Pb под символом батарей указывает на то, что данная батарея содержит свинец.

- Текстовый товарный знак Bluetooth и соответствующие логотипы являются собственностью компании Bluetooth SIG, Inc. и используются компанией JVC KENWOOD Corporation по соответствующей лицензии. Прочие товарные знаки и торговые марки являются собственностью соответствующих владельцев.
- Данный адаптер предназначен исключительно для использования совместно с приемниками JVC. Не используйте данный адаптер с другими приемниками.
  Дополнительную информацию см. в руководстве, поставляемом с приемником.

SVENSKA

Information för användare gällande bortskaffning av gammal utrustning och batterier

[Gäller endast EU-länder]

Dessa symboler anger att produkter och batterier med denna symbol inte ska kasseras som vanligt hushållsavfall, när de inte ska användas mer.

Produkter

Om du vill kassera denna produkt och batteri, så ska detta göras i enlighet med den lagstiftning som gäller i landet och kommunen där du bor.

Genom att avyttra denna produkt på rätt sätt, bidrar du till att bevara naturen och förhindrar potentiellt negativa effekter på miljön och den mänskliga hälsan.

Batteri

Observera!

Märkningen Pb under symbolen för batterier indikerar att detta batteri innehåller bly.

- Ordmärket och logotypen för Bluetooth ägs av Bluetooth SIG, Inc. och varje användning av dessa märken av JVC KENWOOD Corporation sker på licens. Andra varumärken och varunamn tillhör respektive ägare.
- Denna adapter är specialkonstruerad för användning tillsammans med en JVC-bilstereo. Använd inte adaptern tillsammans med någon annan bilstereo.
  Se även bruksanvisningen till bilstereon angående detaljer.

ΕΛΛΗΝΙΚΑ

Πληροφορίες για τους χρήστες σχετικά με την απόρριψη του παλαιού εξοπλισμού και των μπαταριών.

[Ευρωπαϊκή Ένωση μόνο]

Τα σύμβολα αυτά δηλώνουν ότι το προϊόν και η μπαταρία που φέρουν αυτό το σύμβολο δεν πρέπει να απορρίπτονται ως οικιακά απόβλητα κατά το τέλος της ωφέλιμης ζωής τους.

Προϊόντα

Εάν θέλετε να απορρίψετε το προϊόν αυτό και την μπαταρία, κάντε το σύμφωνα με την ισχύουσα εθνική νομοθεσία ή άλλους κανονισμούς που ισχύουν στη χώρα ή την περιοχή σας.

Η σωστή απόρριψη αυτού του προϊόντος βοηθά στη διατήρηση των φυσικών πόρων και στην πρόληψη ενδεχόμενων αρνητικών επιπτώσεων στο περιβάλλον και την ανθρώπινη υγεία.

Μπαταρία

Επισήμανση:

Το σήμα Pb κάτω από το σύμβολο για τις μπαταρίες δηλώνει ότι αυτή η μπαταρία περιέχει μόλυβδο.

- Η λέξη και το λογότυπο Bluetooth είναι ιδιοκτησία της Bluetooth SIG, Inc. και κάθε χρήση των εν λόγω σημάτων από την JVC KENWOOD Corporation γίνεται κατόπιν αδείας. Άλλα εμπορικά σήματα και εμπορικές ονομασίες είναι ιδιοκτησία των αντίστοιχων ιδιοκτητών τους.
- Ο προσαρμογέας αυτός έχει σχεδιαστεί για αποκλειστική χρήση με δέκτες αυτοκινήτου της JVC. Μη χρησιμοποιείτε αυτόν τον προσαρμογέα με οποιοδήποτε άλλο δέκτη αυτοκινήτου.
  Για λεπτομέρειες, ανατρέξτε επίσης στις οδηγίες που παρέχονται μαζί με το δέκτη.

DANSK

Brugerinformation om bortskaffelse af gammelt udstyr og batterier

[kun EU]

Disse symboler angiver, at produktet og batteriet med dette symbol ikke må bortskaffes som almindeligt husholdningsaffald, når det skal smides ud.

Produkter

Hvis du ønsker at bortskaffe dette produkt og batteriet, bedes du gøre det i overensstemmelse med gældende national lovgivning eller andre love og bestemmelser i dit land og kommune.

Ved at bortskaffe dette produkt korrekt medvirker du til at bevare naturens ressourcer samt forhindre eventuelle negative påvirkninger af miljøet og folkesundheden.

Batteri

Bemærk:

Tegnet Pb under symbolet for batterierne angiver, at dette batteri indeholder bly.

- Bluetooth-ordmærket samt logoer ejes af Bluetooth SIG, Inc. og enhver brug af sådanne mærker af JVC KENWOOD Corporation foregår under licens. Andre varemærker og navne brugt som varemærker tilhører deres respektive ejere.
- Adapteren er designet udelukkende til brug sammen med JVCs bilreceivere. Adapteren må ikke anvendes sammen med nogen anden bilreceiver.
  Se desuden vejledningen, der følger med receiveren, for yderligere oplysninger.

POLSKI

Informacje dla użytkowników dotyczące pozbywania się zużytego sprzętu i baterii

[Kraje Unii Europejskiej]

Symbole przedstawione obok oznaczają, że sprzętu elektrycznego i elektronicznego oraz baterii po zakończeniu okresu ich eksploatacji nie należy wyrzucać razem z odpadami gospodarczymi.

Produkty

W razie konieczności pozbycia się niniejszego produktu i baterii należy postępować zgodnie z lokalnymi przepisami lub innymi zasadami postępowania obowiązującymi w danym kraju i miejscowości.

Dbając o prawidłową utylizację produktu, przyczyniasz się do ochrony zasobów naturalnych i zmniejszasz negatywny wpływ oddziaływania na środowisko i zdrowie ludzi.

Bateria

Uwaga:

Oznaczenie Pb, znajdujące się pod symbolem baterii wskazuje, że ta bateria zawiera ołów.

- Znak słowny i logo Bluetooth są własnością Bluetooth SIG, Inc., wszelkie użycie tych znaków przez JVC KENWOOD Corporation jest licencjonowane. Inne znaki i nazwy handlowe są własnością ich odpowiednich właścicieli.
- Adapter został zaprojektowany do wyłącznego użytku z odbiornikami samochodowymi JVC. Nie należy używać adaptera z innym odbiornikiem samochodowym.
  Więcej informacji na ten temat podano się w instrukcji obsługi odbiornika.

ČESKY

Informace pro uživatele k likvidaci starého zařízení a baterií

[Pouze pro Evropskou unii]

Tyto symboly znamenají, že produkt a baterie s tímto symbolem nesmí být po skončení životnosti likvidovány jako běžný odpad.

Přejete-li si zlikvidovat tento produkt a baterii, proveďte to prosím v souladu s příslušnými národními zákony nebo jinými předpisy platnými ve vaší zemi a obci.

Správnou likvidací tohoto produktu pomůžete zachovat přírodní zdroje a napomáháte prevenci potenciálních negativních dopadů na životní prostředí a lidské zdraví.

Upozornění:

Značka Pb pod symbolem pro baterie znamená, že tato baterie obsahuje olovo.

- Značku a logo Bluetooth a vlastní společnost Bluetooth SIG, Inc. Jakékoli používání těchto značek společností JVC KENWOOD Corporation podléhá podmínkám licence. Ostatní ochranné známky a obchodní názvy náležejí příslušným vlastníkům.
- Tento adaptér byl navržen výlučně pro použití s přijímačem JVC do vozidla. Nepoužívejte tento adaptér s jiným přijímačem do vozidla. Podrobnosti najdete rovněž v příručce dodané s Vaším přijímačem.

MAGYAR

Felhasználói információ az elhasznált berendezések és akkumulátorok elhelyezéséről

[Csak Európai Unió]

Ezek a szimbólumok azt jelzik, hogy az ilyen jelzéssel ellátott terméket és akkumulátort hasznos élettartama végén nem szabad háztartási szemétként kezelni.

A jelen termék és akkumulátor hulladékként kezelésekor járjunk el az idevágó országos rendelkezések vagy az adott országban, illetve helyhatósági körzetben érvényes egyéb előírások szerint.

A termék megfelelő ártalmatlanításával segít megőrizni a természetes erőforrásokat, és megelőzheti a környezetre és az egészségre gyakorolt ártalmas hatásokat.

Megjegyzés:

Az alábbi Pb szimbólum - ha az akkumulátoron megtalálható - azt jelzi, hogy az akkumulátor ólmot tartalmaz.

- A Bluetooth szó a Bluetooth SIG, Inc. saját tulajdonú jelzése és logója, és a JVC KENWOOD Corporation licenc alapján használja e jelzéseket. A többi kereskedelmi védjegy és megnevezés az érintett tulajdonosok birtokában van.
- Ez az adapter kizárólag a JVC autórádiókhoz használható. Ne próbálkozzunk más autórádiókat megtáplálni vele.
  A részleteket lásd a vevőhöz mellékelt útmutatókban.

УКРАЇНА

[Тільки для Європейського Союзу]

- Текстова торгівельна марка та логотипи Bluetooth є власністю Bluetooth SIG, Inc. Використання цих марок компанією JVC KENWOOD Corporation здійснюється за ліцензією. Інші торгівельні марки та торгові назви належать відповідним власникам.
- Даний адаптер розроблений виключно для використання з автомобільними приймачами компанії JVC. Заборонено використовувати даний адаптер з будь-якими іншими автомобільними приймачами.

  Для більш детального ознайомлення дивіться інструкцію, що входить до комплекту постачання приймача.

ROMÂNĂ

Informații pentru utilizatori cu privire la evacuarea ca deșeu a echipamentelor și bateriilor vechi

[Doar în Uniunea Europeană]

Aceste simboluri indică faptul că produsul și bateriile cu acest simbol nu trebuie să fie evacuate la fel ca deșeurile menajere la finalul duratei de viață.

Dacă doriți să evacuați ca deșeu acest produs și bateria, vă rugăm să faceți acest lucru în conformitate cu legislația în vigoare sau cu alea prevederi din țara sau municipalitatea dumneavoastră.

Prin evacuarea corectă a acestui produs, veți avuta la conservarea resurselor naturale și veți contribui la prevenirea posibilelor efecte negative asupra mediului și sănătății umane.

Observație:

Semnul Pb de mai jos pentru baterii indică faptul că bateria conține plumb.

- Cuvântul și siglele Bluetooth sunt deținute de Bluetooth SIG, Inc. și sunt utilizate de JVC KENWOOD Corporation sub licență. Celelalte mărci comerciale și nume comerciale aparțin posesorilor acestora.
- Acest adaptor a fost realizat pentru utilizarea exclusivă cu aparatele auto JVC. Nu folosiți acest adaptor cu alte aparate auto. Pentru mai multe detalii, consultați Instrucțiunile furnizate cu aparatul dumneavoastră.

БЪЛГАРСКИ

Информация за потребителите на депонирани старо оборудване и батерии

[Само за Европейския съюз]

Тези символи указват, че продуктът и батерията с този символ не трябва да се депонират като битови отпадъци в края на експлоатационния им срок.

Ако желаете да депонирате този продукт и батерията, моля, направете го в съответствие с приложимото национално законодателство или други правила във вашата страна и община.

Чрез правилното депониране на този продукт ще помогнете за запазването на природните ресурси и предотвратяването на потенциалните отрицателни последици за околната среда и човешкото здраве.

Предупреждение:

Знакът Pb под символа за батерии указва, че тази батерия съдържа олово.

- Марката и логото на Bluetooth са собственост на Bluetooth SIG, Inc., и всяко използване на тези марки от страна на JVC KENWOOD Corporation става по лиценз. Останалите търговски марки и търговски названия са на съответните си притежатели.
- Този адаптер е предназначен за изключителна употреба с автомобилни приемници на JVC.
  Да не се използва адаптерът с друг автомобилен приемник.

ไทย

[สำหรับใช้ในสหภาพยุโรปเท่านั้น]

- โลโก้และเครื่องหมายคำว่า Bluetooth เป็นของบริษัท Bluetooth SIG, Inc. และการใช้เครื่องหมายดังกล่าวโดยบริษัท JVC KENWOOD Corporation อยู่ภายใต้การอนุญาตใช้เครื่องหมายการค้าและชื่อทางการค้าอื่นๆ เป็นสิทธิ์ของเจ้าของเครื่องหมายการค้าดังกล่าว
- อะแดปเตอร์นี้ได้รับการออกแบบให้ใช้กับอุปกรณ์รับสัญญาณในรถยนต์ของ JVC เท่านั้น อย่าใช้อะแดปเตอร์นี้กับอุปกรณ์รับสัญญาณในรถยนต์ชนิดอื่นๆ
  สำหรับรายละเอียดอื่นๆ โปรดดูจากคู่มือที่จัดส่งให้พร้อมกับเครื่องรับสัญญาณของคุณ

한국어

[유럽연합에만 해당]

- Bluetooth 단어 표시 및 로고는 Bluetooth SIG, Inc.의 소유이며 JVC KENWOOD Corporation에서 라이센스를 받아서 이 표시를 사용합니다. 다른 상표와 상호는 해당 소유주의 상표와 상호입니다.
- 이 어댑터는 JVC 자동차 수신기 용으로 특별히 제작된 것입니다. 이 어댑터를 다른 자동차 수신기에 사용하지 마십시오.
  더 자세한 정보는 수신기에 제공된 설명서를 참조하십시오.

中文

[僅對應歐洲聯盟]

- Bluetooth 字符和標識屬 Bluetooth SIG, Inc. 所有，並為 JVC KENWOOD Corporation 在許可下使用。其他商標和商品名稱分別屬其他所有者所有。
- 該適配器專為 JVC 汽車接收機的使用而設計。切勿與其他汽車接收機一起使用該適配器。
  詳情參閱隨接收機附帶的使用說明書。

عربي

[الاتحاد الأوروبي فقط]

- علامة كلمة Bluetooth وشعاراتها مملوكة لشركة Bluetooth SIG, Inc. وأي استخدام لمثل هذه العلامات بواسطة شركة JVC KENWOOD Corporation يتم بموجب ترخيص. العلامات التجارية الأخرى والأسماء التجارية ملك لأصحابها.
- تم تصميم هذا المحول للاستخدام الحصري مع مستقبل السيارة من JVC. لا تستخدم هذا المحول مع أي مستقبل سيارة آخر.
  للحصول على التفاصيل. انظر أيضاً التعليمات المصاحبة للمستقبل الخاص بك.

فارسی

[فقط اتحادیه اروپا]

- کلمه Bluetooth و نشانهای آن متعلق به شرکت Bluetooth SIG, Inc. می باشند و هرگونه استفاده از این علایم در انحصار و تحت مجوز شرکت JVC KENWOOD Corporation می باشد. سایر نشان های تجارتی و نام های تجاری مربوط به مالکین مربوطه می باشد.
- این آداپتور منحصراً برای استفاده با گیرنده های JVC مخصوص اتومبیل طراحی شده است. از این آداپتور به همراه سایر دریگیید.
  برای اطلاعات بیشتر، به دفترچه راهنمای ارائه شده همراه با گیید.

INDONESIA

[Hanya Uni Eropa]

- Tanda kata dan logo Bluetooth dimiliki oleh Bluetooth SIG, Inc. dan segala penggunaan tanda tersebut oleh JVC KENWOOD Corporation adalah berdasarkan lisensi. Merek dagang dan nama dagang lainnya adalah hak pemilik masing-masing.
- Adaptor ini memiliki desain eksklusif untuk digunakan dengan car receiver [alat penerima di mobil] JVC. Jangan gunakan adaptor ini dengan unit penerima mobil yang lain.
  Untuk rincian selengkapnya, baca petunjuk yang dibekalkan dengan alat penerima.

Декларація про Відповідність Вимогам Технічного Регламенту Обмеження Використання деяких Небезпечних Речовин в електричному та електронному обладнанні (затвердженого Постановою №1057 Кабінету Міністрів України)

Виріб відповідає вимогам Технічного Регламенту Обмеження Використання деяких Небезпечних Речовин в електричному та електронному обладнанні (ТР ОВНР).

Вміст небезпечних речовин у випадках, не обумовлених в Додатку №2 ТР ОВНР:

1. свинець(Pb) – не перевищує 0.1 % ваги речовини або в концентрації до 1000 частин на мільйон;
2. кадмій (Cd)– не перевищує 0.01 % ваги речовини або в концентрації до 100 частин на мільйон;
3. ртуть(Hg) – не перевищує 0.1 % ваги речовини або в концентрації до 1000 частин на мільйон;
4. шестивалентний хром (Cr^{6+}) – не перевищує 0.1 % ваги речовини або в концентрації до 1000 частин на мільйон;
5. полібромбіфеноли (PBB) – не перевищує 0.1% ваги речовини або в концентрації до 1000 частин на мільйон;
6. полібромдефенілові ефіри (PBDE) – не перевищує 0.1 % ваги речовини або в концентрації до 1000 частин на мільйон.

Türkiye İçin

Bu ürün 26891sayılı Resmi Gazete'de yayımlanan Elektrikli ve Elektronik Eşyalarda Bazı Zararlı Maddelerin Kullanımının Sınırlandırılmasına Dair Yönetmeliğe uygun olarak üretilmiştir.

JVC

- Important Notice for Bluetooth Users -

It is recommended to check availability of the latest firmware updates at the following webpage before using this receiver.

The latest firmware is posted on the webpage below:

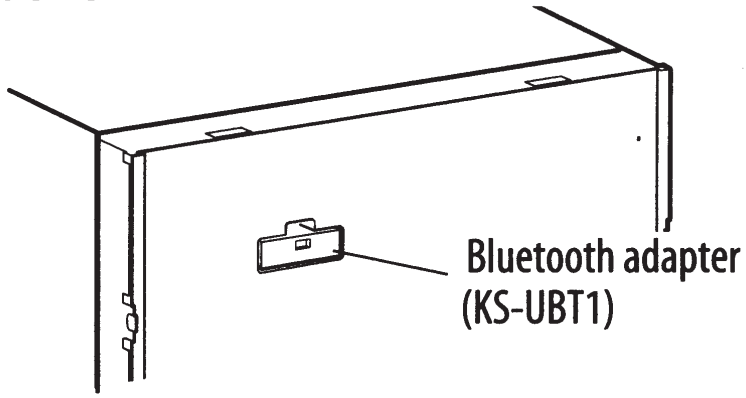
http://support.jvc.com/

Click on **Software** to view most current updates.

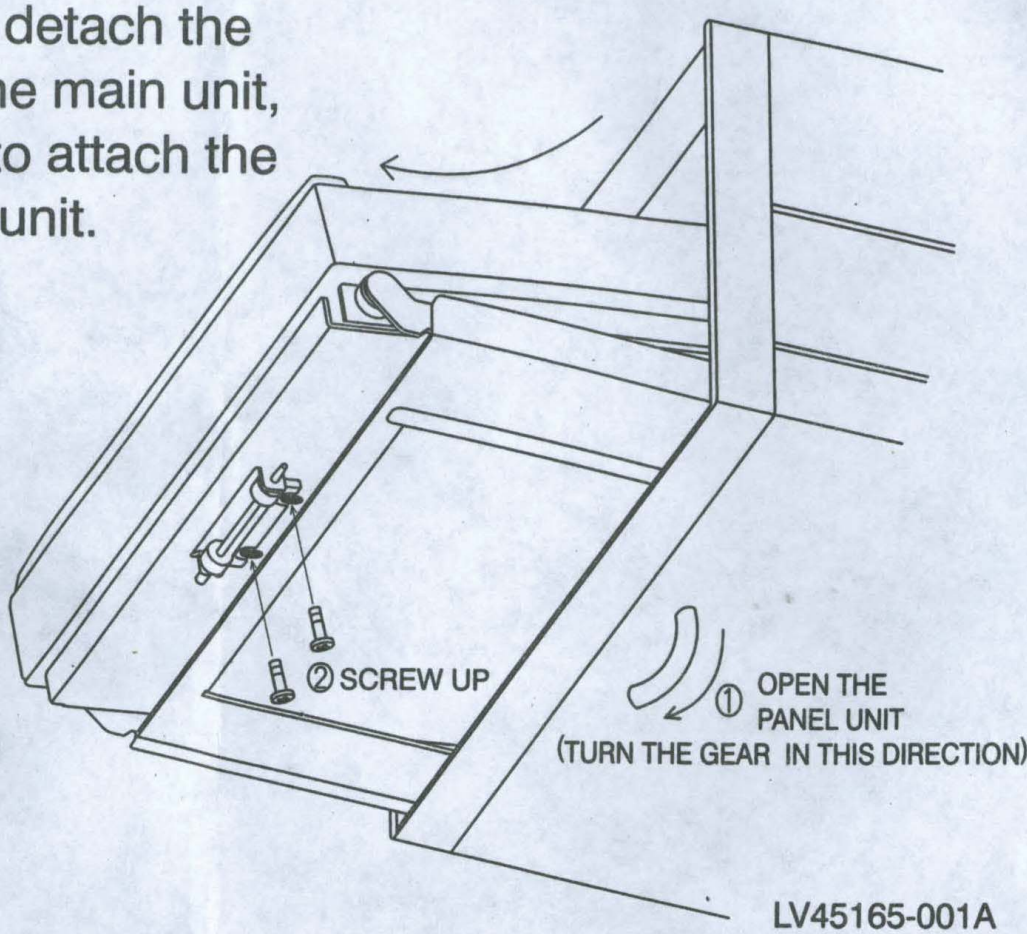
Need help on how to upgrade your firmware?
Please call 1(800)252-5722

⚠ CAUTION

The Bluetooth adapter (KS-UBT1) is inserted in the unit when shipped from the factory. When you remove the Bluetooth adapter (KS-UBT1) from the unit, store it in this bag. For removing the Bluetooth adapter (KS-UBT1), refer to the Instructions.



When it is not required to detach the front control panel from the main unit, use the provided screws to attach the control panel to the main unit.



LV45165-001A

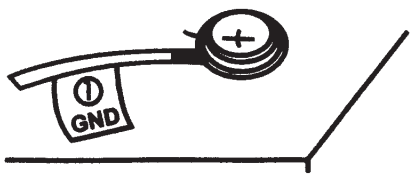
REMOVE THIS LABEL FROM CABLE BEFORE USE.
RETIRE LA ETIQUETA DEL CABLE ELÉCTRICO ANTES DE USAR.
RETIREZ CETTE ÉTIQUETTE DU CÂBLE AVANT UTILISATION.

CAUTION

CONNECT BLACK WIRE (① GND) TO GROUND FIRST. OTHERWISE, DAMAGE TO YOUR UNIT MAY OCCUR.

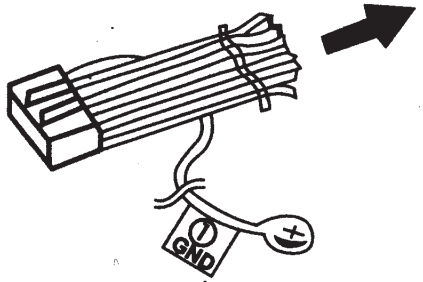
INCORRECT CONNECTION CAUSES SERIOUS DAMAGE TO THIS UNIT
PLEASE READ INSTALLATION/CONNECTION MANUAL CAREFULLY.

① CONNECT GROUND FIRST

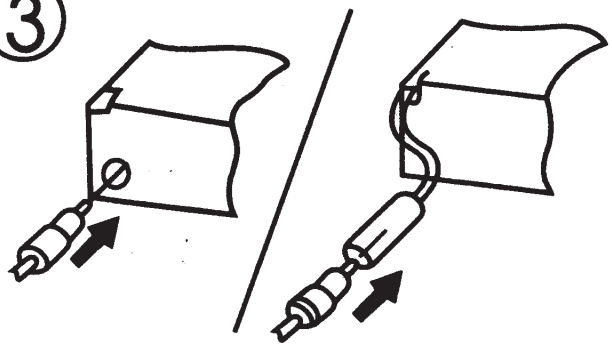


METALLIC BODY OR CHASSIS OF THE CAR

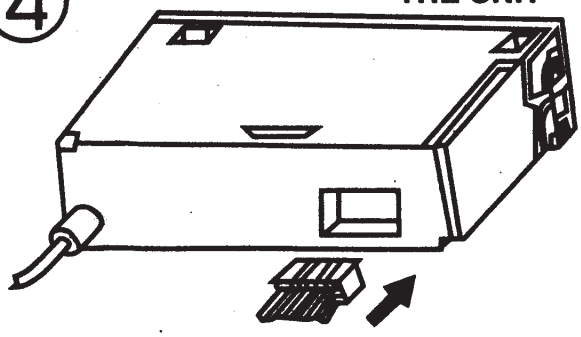
② CONNECT OTHER WIRES



③ CONNECT ANTENNA TERMINAL



④ CONNECT POWER CORD TO THE UNIT



Please do not send products or other correspondence to this address.

JVC AMERICAS CORP.
1700 Valley Road
Wayne, NJ 07470

PLEASE PLACE STAMP HERE

JVC®

PO BOX 1189
BEDFORD, TX 76095-1189

PRODUCT REGISTRATION CARD / QUESTIONNAIRE

USA CUSTOMERS ONLY

Registering your product will allow us to contact you in the unlikely event a product safety notification is required.

This form is for Product Registration purposes only. Failure to return this form does not diminish your rights during the warranty period.

THANK YOU FOR PURCHASING THIS JVC PRODUCT

REGISTER ONLINE AT: *REGISTER.JVC.COM*

JVC®

Register online at REGISTER.JVC.COM
and receive a special offer!

PRODUCT REGISTRATION

First Name: _____

Last Name: _____

Address: _____

Apt.# _____

City: _____

State: _____

Zip Code: _____

Phone Number: _____

E-Mail Address: _____

1) Would you like to receive the JVC Community e-mail newsletter? Yes No

2) Would you like to receive special offers from JVC? Yes No

3) Have you purchased an extended warranty for this product? Yes No

Date of Purchase _____

Model Number: _____

Serial Number: _____

Purchase Price: _____

Dealer: _____

On a scale of 1 to 5, with 5 being the best, please rate each of the following attributes about your new JVC product.

Performance	1	2	3	4	5
Features	1	2	3	4	5
Ease of use	1	2	3	4	5
Design	1	2	3	4	5
Value	1	2	3	4	5

COMMENTS:

_____

_____

_____

Thank You
for completing
this questionnare.

Instructions: Fold at crease and tape open edge in the middle.

BT-51044-1
(0208)

Printed in Indonesia

CANADA ONLY

JVC

CANADA SEULEMENT

OWNER'S COPY OF WARRANTY CARD
COPIE D'ENREGISTREMENT DE LA GARANTIE DU PROPRIÉTAIRE

(Save sales docket together with this warranty card, as a proof of date of purchase.
La facture et cette garantie sont vos preuves de la date d'achat; rangez-les.)

MODEL / MODÈLE : ..... SERIAL NO. / NO DE SÉRIE : .....

Purchase from, / Acheté chez : ..... Date purchased / Date acheté : .....

Dealer's Address / Adresse du Vendeur : .....

No. / No Street / Rue

.....

City or Town / Ville Prov. / Prov. Postal Code / Code Postal

Owner's Name / Nom du Proprietaire : .....

Owner's Address / Adresse du Proprietaire : .....

No. / No Street / Rue Apt. / App.

.....

City or Town / Ville Prov. / Prov. Postal Code / Code Postal

BT-52008-1
(1007)

Printed in Indonesia

Detach here. à découper ici

WARRANTY CONTROL CARD
CARTE DE CONTRÔLE DE LA GARANTIE

IMPORTANT: This warranty control card must be filled in and posted to the address indicated on the back hereof or register via internet within 7 (seven) days from the date of purchase.
IMPORTANT: Cette carte doit être renvoyée dûment remplie à l'adresse indiquée au verso, dans les 7 jours de la date d'achat ou aller sur le site par internet pour l'enregistrement.

(PLEASE PRINT/EN LETTRES MOULÉES)

MODEL / MODÈLE : ..... SERIAL NO. / NO DE SÉRIE : .....

Purchased from / Acheté chez : ..... Date purchased / Date acheté : .....

Dealer's Address / Adresse du Vendeur : .....

No. / No Street / Rue

.....

City or Town / Ville Prov. / Prov. Postal Code / Code Postal

Owner's Name / Nom du Proprietaire : .....

Owner's Address / Adresse du Proprietaire : .....

No. / No Street / Rue Apt. / App.

.....

City or Town / Ville Prov. / Prov. Postal Code / Code Postal

You may also register on-line at:www.jvc.ca

Vous pouvez également vous inscrire par internet à:www.jvc.ca

WARRANTY APPLIES ONLY TO PRODUCT DISTRIBUTED IN CANADA BY JVC CANADA INC.

LA GARANTIE S'APPLIQUE SEULEMENT AUX PRODUITS DISTRIBUES AU CANADA PAR JVC CANADA INC.

Warranty applies only to PRODUCT distributed in Canada by JVC Canada Inc.

JVC

La garantie s'applique seulement aux PRODUITS distribués au Canada par JVC Canada Inc.

WARRANTY
GARANTIE

JVC CANADA INC.
21 Finchdene Square, Toronto, ON M1X 1A7
TEL: (416) 293-1311 FAX: (416) 293-8208
http://www.jvc.ca

JVC CANADA INC. (hereafter called "JVC") gives the following express warranty for each new JVC product distributed in Canada by JVC and sold by an authorized JVC dealer.
JVC warrants that this JVC product is free, under normal use and maintenance, from any defects in material and workmanship subject to the following terms and conditions:

1. To Obtain Warranty Service:
   (a) The JVC Warranty Control Card herein provided must be completed in full and posted or registered via internet within 7 days of date of purchase of the JVC product.
   (b) This JVC Warranty Control Card must be completed in full and presented together with proof of purchase of the JVC product requiring service.
   (c) The JVC product must be brought in for service to an authorized JVC Service Centre.
2. Limitation:
   This Warranty shall not apply to:
   (a) Repair or replacement of any cabinets, batteries, plates, connection cords, antennas, dust covers, knobs, speaker grills, speaker cones, projection screens, projection screen savers, and all accessories.
   (b) Any defects caused or repairs required as a result of misuse, abusive operation, negligence, improper use and/or insufficient care.
   (c) Any defect caused or repairs required as a result of not following the instructions in the operation manual.
   (d) Any JVC product tampered with, adjusted or repaired by any party other than JVC or authorized JVC Service Centre personnel.

JVC CANADA INC. (ci-après appelé "JVC") énonce la garantie expresse suivante pour tout nouveau produit JVC distribué au Canada par JVC et vendu par un détaillant JVC autorisé.
JVC vous garantit que ce produit est dégagé, sous utilisation et entretien normal, de tout défaut matériel et de fabrication sous réserve des modalités et conditions suivantes :

1. Pour obtenir un service de garantie :
   (a) La carte de contrôle de garantie JVC ci-incluse doit être complétée avec les renseignements complets et être postée ou enregistrée via internet dans les 7 jours suivant l'achat du produit JVC.
   (b) Cette carte de contrôle de garantie JVC doit être dûment remplie et être présentée avec la preuve d'achat du produit JVC nécessitant une réparation.
   (c) Le produit JVC doit être apporté pour service chez un centre de service JVC autorisé.
2. Restrictions:
   Cette garantie ne s'applique pas aux :
   (a) Réparation ou remplacement de tout cabinet, batteries, panneau avant, cordons de raccord, antennes, housses de protection, boutons, couverts de haut-parleur, cônes de haut-parleur, écrans de projection, protecteurs d'écran de projection et tous les accessoires.
   (b) Tous défauts occasionnés ou réparations requises suite à une utilisation abusive, mauvaise, négligente et/ou une utilisation incorrecte.
   (c) Tous défauts occasionnés ou réparations requises suite à l'omission de suivre les recommandations du manuel d'instruction.
   (d) Tout produit JVC altéré, ajusté ou réparé par tout autre entreprise que JVC ou un centre de service d'entretien ou de service autorisé JVC.

(e) Any JVC products on which the serial num-ber has been defaced, modified or removed.
(f) Maintenance, cleaning or periodic check-up
(g) Conversion to foreign or domestic voltage or frequency.
(h) Any JVC product without the Canadian Electrical Safety Regulations ID.
(i) Any JVC products used for commercial or institutional, rental, or display purposes.
Parts……1 year (except video head - 90 days)
Labour… 90 days
(j) Any JVC product which has been resold and no longer owned by the original purchaser.
(k) Product purchased from "outside Canada", "bankruptcy" or "liquidator".

(e) Tout produit JVC dont le numéro de série a été altéré, modifié ou enlevé.
(f) L'entretien, les vérifications périodiques et nettoyage.
(g) La conversion à une fréquence ou une tension étrangère ou domestique.
(h) Tout produit JVC n'ayant pas le sigle d'identification conforme aux normes électriques Canadiennes (CSA).
(i) Pour tout produit utilisé à des fins commerciales, institutionnelles, de location ou utilisé à des fins d'étalage.
Pièces…… 1 An (Excepté les têtes vidéo- 90 jours)
Main d'œuvre… 90 Jours
(j) Tout produit JVC ayant été revendu et qui n'est plus la propriété de l'acheteur original.
(k) Produit acheté à "l'extérieur du Canada", provenant d'une "faillite" ou d'un "liquidateur".

WARRANTY TERM (VALID FROM THE DATE OF PURCHASE)
CONDITIONS DE GARANTIE (VALABLE à PARTIR DE LA DATE D'ACHAT)

PRODUCT PRODUIT	PARTS (Years) PIECES (années)	Labour (Years) MAIN-D'OEUVER (années)
Projection TV In-Home Service Colour TV In-Home (25" and above) D-ILA Rear Projection In-Home Service LCD TV In-Home Service (25" and above) Écrans de projection Service à Domicile Écrans de TV Couleur Service à Domicile (25" et plus) TV projection arrière D-ILA Service à Domicile Écrans de LCD Service à Domicile (25" et plus)	1	1
* In-home service to be provided where available Where it is not available, the Purchaser must assume the responsibility and expense for the proper packing, shipment and all costs associated with the delivery of the equipment to and from the closest JVC Authorized Service Centre. * Service à domicile fourni par un détaillant disponible. S'il n'y a pas de service JVC disponible à proximité, l'acheteur doit assumer la responsabilité et les coûts pour un emballage adéquat, l'expédition, ainsi que tous les coûts associés à la livraison de l'équipement chez et depuis le détaillant JVC autorisé le plus près pour un service d'entretien.		
Receivers and Home Speakers purchased separately, Front Projection and Car Audio "ARSENAL" Series Récepteurs et Hauts-Parleurs achetés séparément, Projecteur Avant et Audio d'Auto de Série « ARSENAL »	2	2
AC Adapters, Remote Controls, Headphones, Microphones and Projector Lamps Adaptateurs AC, Télécommande, Casque D'écoute, Microphones et Lampe de Projecteur	90 DAYS 90 JOURS	90 DAYS 90 JOURS
Wood Cone Speakers Enceinte à Cône en Bois	5	5
All Other Categories Toutes les autres catégories	1	1

(l) Any defects caused by fire, flood, lightning, power surge, or other events beyond the control of JVC.
(m) FOR AUTO PRODUCTS
Warranty does not cover elimination of car static or electrical interferences, cleaning of head, adjustments, or labour cost for the removal or reinstallation of the unit for repair.

3. Standards:
If any defects should be found in a JVC product within the applicable terms, necessary repairs shall be made at no cost to the purchaser for parts or labour when JVC acknowledges that such defects are due to faulty material or work-manship.

4. Exclusion of All Other Express Warranties:
This warranty constitutes the entire express warranty given by JVC for JVC products and no dealer or service centre personnel or his, its or their agent or employee is, or are autho-rized to extend or enlarge this warranty on be-half of JVC.

5. Disclaimer of Consequential Damage:
To the extent the law permits JVC disclaims any responsibility for loss of time or use of its product, transportation costs, or any other indirect, incidental or consequential damage or inconvenience.

New — And mail to the address below.
You may also register on-line at:www.jvc.ca

(l) Tout dommage causé par le feu, une inondation, un éclair, une surtension ou tout autre évènement hors du contrôle de JVC.
(m) POUR LES PRODUITS D'AUTOMOBILE
La garantie ne couvre pas l'élimination d'interférences statiques ou électriques de la voiture, le nettoyage de tête, les ajustements et les coûts de main d'œuvre associés à l'enlèvement ou à la réinstallation de l'unité pour réparation.

3. Critères:
Si un produit JVC s'avérait défectueux, selon les conditions applicables, les réparations nécessaires seront effectués sans coûts additionnels à l'acheteur pour les pièces et la main d'œuvre lorsque JVC reconnaît que de telles défectuosités sont causées par une défectuosité de matériel ou de fabrication.

4. Exclusion de toutes autres garanties expresses :
Cette garantie constitue l'entière garantie express donnée par JVC pour les produits JVC. Nul représentant ou employé d'un détaillant ou d'un service d'entretien n'est autorisé à prolonger cette garantie au nom de JVC.

5. Dénégation des dommages indirects :
Dans la mesure permise par la loi, JVC nie toute responsabilité pour perte de temps ou d'usage de ses produits, des coûts de transport ou tout autre dommage ou inconvénient indirect, accidentel et conséquent.

Nouveau — Veuillez poster à l'adresse ci-dessous.
Vous pouvez également vous enregistrer par internet à; www.jvc.ca

Detach here. à découper ici

Place stamp here

Placez votre timbre ici

JVC CANADA INC.

21 Finchdene Square
Toronto, ON M1X 1A7

TO OUR VALUED CUSTOMER

THANK YOU FOR PURCHASING THIS JVC PRODUCT.

WE WANT TO HELP YOU ACHIEVE A PERFECT EXPERIENCE.

NEED HELP ON HOW TO HOOK UP?
NEED ASSISTANCE ON HOW TO OPERATE?
NEED TO LOCATE A JVC SERVICE CENTER?
LIKE TO PURCHASE ACCESSORIES?

JVC® IS HERE TO HELP!

TOLL FREE: 1(800)252-5722

http://www.jvc.com

Remember to retain your Bill of Sale for Warranty Service.

Do not attempt to service the product yourself

Caution

To prevent electrical shock, do not open the cabinet.
There are no user serviceable parts inside.
Please refer to qualified service personnel for repairs.

BT-51018-6
(1008)

Printed in Indonesia

JVC®

LIMITED WARRANTY

1-1 USA ONLY

ONLY FOR PRODUCT PURCHASED IN U.S.A.

JVC Americas Corp. (JVC) warrants this product and all parts thereof, except as set forth below ONLY TO THE ORIGINAL RETAIL PURCHASER to be FREE FROM DEFECTIVE MATERIALS AND WORKMANSHIP from the date of original purchase for the period shown below. ("The Warranty Period")

PARTS	LABOR
1 YR	1 YR

THIS LIMITED WARRANTY IS VALID ONLY IN THE FIFTY (50) UNITED STATES, THE DISTRICT OF COLUMBIA AND IN THE COMMONWEALTH OF PUERTO RICO.

WHAT WE WILL DO:

If this product is found to be defective within the warranty period, JVC will repair or replace defective parts with new or rebuilt equivalents at no charge to the original owner. Such repair and replacement services shall be rendered by JVC during normal business hours at JVC authorized service centers. Parts used for replacement are warranted only for the remainder of the Warranty Period. All products may be brought to a JVC authorized service center on a carry-in basis. Color televisions with a screen size of 37"class or greater qualify for in-home service. In such cases, a technician will come to your home and either repair the TV there or remove and return it if it cannot be repaired in your home.

WHAT YOU MUST DO FOR WARRANTY SERVICE:

Please do not return your product to the retailer

Instead, return your product to the JVC authorized service center nearest you. If shipping the product to the service center, please be sure to package it carefully, preferably in the original packaging, and include a brief description of the problem(s). Please call 1-800-252-5722 to locate the nearest JVC authorized service center. Service locations can also be obtained from our website http://www.jvc.com. If your product qualifies for in-home service, the service representative will require clear access to the product.

If you have any questions concerning your JVC Product, please contact our Customer Care Center at 800-252-5722

WHAT IS NOT COVERED:

This limited warranty provided by JVC does not cover:

1. Products which have been subject to abuse, accident, alteration, modification, tampering, negligence, misuse, faulty installation, lack of reasonable care, or if repaired or serviced by anyone other than a service facility authorized by JVC to render such service, or if affixed to any attachment not provided with the products, or if the model or serial number has been altered, tampered with, defaced or removed;
2. Initial installation, installation and removal from cabinets or mounting systems.
3. Operational adjustments covered in the Owner's Manual, normal maintenance, video and audio head cleaning;
4. Damage that occurs in shipment, due to act of God, and cosmetic damage;
5. Signal reception problems and failures due to line power surge;
6. User Removal Memory Devices/Video Pick-up Tubes/CCD Image Sensors are covered for 90 days from the date of purchase;
7. Accessories;
8. Batteries (except that Rechargeable Batteries are covered for 90 days from the date of purchase);
9. Products used for commercial purposes, including, but not limited to rental.
10. Loss of data resultant from malfunction of hard drive or other data storage device;

There are no express warranties except as listed above.

THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN.

JVC SHALL NOT BE LIABLE FOR ANY LOSS OF USE OF THE PRODUCT, INCONVENIENCE, OR ANY OTHER DAMAGES, WHETHER DIRECT, INCIDENTAL OR CONSEQUENTIAL (INCLUDING, WITHOUT LIMITATION, DAMAGE TO TAPES, RECORDS OR DISCS) RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, ARE LIMITED TO THE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion of incidental or consequential damages or limitations on how long an implied warranty lasts, so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

JVC AMERICAS CORP.
1700 Valley Road, Wayne, New Jersey 07470
http://www.jvc.com

REFURBISHED PRODUCTS CARRY A SEPARATE WARRANTY, THIS WARRANTY DOES NOT APPLY. FOR DETAIL OF REFURBISHED PRODUCT WARRANTY, PLEASE REFER TO THE REFURBISHED PRODUCT WARRANTY INFORMATION PACKAGED WITH EACH REFURBISHED PRODUCT.

For customer use:

Enter below the Model No. and Serial No. which is located either on the rear, bottom or side of the cabinet. Retain this information for future reference.

Model No. : _____ Serial No. : _____

Purchase date : _____ Name of dealer : _____

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